

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats</u> (Continued)	"Ponsol" Yellow GGL Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

ORGANIC CHEMICALS DEPARTMENT MONTH OF October 1958
 DYES: Page 1 of 7 Pages
**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
 USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BEAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue EXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2RD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

TABLE: QUOTED PRICE OF SAMPLE ITEM

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	P Dec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		.96	94.79	7.3	7.7				1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37	98.54	12.6	12.8				6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36		1.47	79.59	0.6	0.8				36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 2 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo (Continued)	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHCF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black I Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	Total Azo				
28	Basic	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	P_n	P_{Dec}	$\frac{P_n}{P_{Dec}}$	$P_n Q_n$	$P_{Dec} Q_n$	$\frac{P_n Q_n}{P_{Dec} Q_n}$	PRECEDING DECEMBER	CURRENT MONTH	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	P_{Dec} 47-49=100 ECONOMIST'S OFFICE	P_n 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	2.61							1
	2	1.94							2
	3	1.33							3
	4	1.33							4
	5	1.33							5
	6	3.22							6
	7	1.58							7
	8	1.58							8
	9	.93							9
	10	.93							10
	11	.93							11
	12	2.86							12
	13	3.59							13
	14	5.02							14
	15	2.88							15
	16	2.15							16
	17	3.12							17
	18	2.41							18
	19	3.66							19
	20	2.73							20
	21	2.12							21
	22	2.58							22
	23	1.53							23
	24	1.40							24
	25	3.66							25
	26	1.33							26
	27			478.9	479.7	99.83*			27
	28	2.64	92.80	25.1	27.0				28
	29	2.64	92.80	6.3	6.8				29
	30	2.75	80.00	53.5	64.9				30
	31	2.15	90.70	10.8	11.9				31
	32	2.15	90.70	3.0	3.3				32
	33	4.15							33
	34	3.65							34
	35	4.76							35
	36	4.76							36
	37	6.13							37
	38	6.13							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 3 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranina T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow LGL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red LQ			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PLN Paste			
19	"Monastral"	"Lusane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GND			
38		"Monastral" Fast Green GX Powder			

NOTE: A COPY OF THIS REPORT WILL BE FURNISHED TO THE BUREAU OF REVENUE

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn OPERATING DEPARTMENT (1)	PDec Qn OPERATING DEPARTMENT (2)	LINK RELATIVE Pn Qn PDec Qn (3)	INDEX: 47-49=100		L I N E
	Pa	PDec	Pa PDec				PRECEDING DECEMBER	CURRENT MONTH	
							47-49=100 ECONOMIST'S OFFICE	47-49=100 Pa 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		4.11							1
2		3.25	90.77	8.0	8.8				2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.49							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17				432.2	450.2	96.00 *			17
18		.315	96.83	54.1		96.83 *			18
19		8.00							19
20		5.06							20
21		1.65							21
22	2.88	2.88	—						22
23	2.72	2.72	—						23
24	2.61	2.94	89.78	1.2	1.4				24
25	2.47	2.47	—						25
26	.59	.60	99.33	1.1	1.1				26
27	2.61	2.94	89.78	5.5	6.2				27
28	2.47	2.47	—						28
29	.59	.60	99.33	1.6	1.6				29
30	2.47	2.47	—						30
31	1.37	1.52	90.13	8.6	9.5				31
32	3.02	3.36	89.88	12.8	14.2				32
33	2.85	2.85	—						33
34	2.85	2.85	—						34
35	.67	.69	97.10	—					35
36	.67	.69	97.10	—					36
37	1.52	1.69	89.94	11.9	13.2				37
38	3.02	3.36	89.88	1.2	1.3				38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 4 of 7 Pages
**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
 USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RF			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow 83G			
31		"Pontamine" Yellow 8XG			
32		"Pontamine" Yellow 8XP			
33		"Pontamine" Yellow 8XP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RUCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100		
OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1	2.85	3.36	—						1
2		2.35							2
3			194.1	199.6	97.74*				3
4		.80							4
5		.80							5
6		.80							6
7		.80							7
8		1.76							8
9						*			9
10		2.64							10
11		1.38							11
12		1.91							12
13		2.67							13
14						*			14
15		.47							15
16		.38							16
17		.38							17
18		.38							18
19		.38							19
20		.53							20
21		.47							21
22		.38							22
23		.30							23
24						*			24
25		1.31							25
26		.98							26
27		1.69							27
28		1.50							28
29		1.29							29
30		.93							30
31		1.44							31
32		1.29							32
33		2.15							33
34		.76							34
35		.81							35
36		1.43							36
37						*			37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		2,4-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MEW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminocanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BG			
32		"Latyl" Cerise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

RECEIVED - 1944 JAN 13 PM 11:10 AM - 1944

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	Pn	PDec	Pn PDec	Pn Qn	PDec Qn	Pn Qn PDec Qn	P Dec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	1.14							1
	2	.79							2
	3	4.47							3
	4	4.73							4
	5	1.00	125.00	0.8	0.6				5
	6	1.50	117.33	-					6
	7	2.00							7
	8	1.45							8
	9	.53							9
	10	9.12							10
	11	.80							11
	12	.80							12
	13	1.04							13
	14	1.31							14
	15	.86							15
	16	1.63							16
	17	.96							17
	18	1.43							18
	19	1.59	96.86	-					19
	20	1.59							20
	21	1.59	96.86	0.9	0.9				21
	22	1.43							22
	23	1.45							23
	24	1.00	110.00	4.0	3.6				24
	25			97.9	97.3	100.62*			25
	26	3.78							26
	27	3.78							27
	28	5.11							28
	29	2.15							29
	30	2.04							30
	31	7.67							31
	32	5.03	95.43	43.4	45.5				32
	33	2.18							33
	34	2.77	90.25	21.3	23.6				34
	35	3.29							35
	36	2.61							36
	37	1.22							37
	38	1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats (Continued)</u>	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	Pn	pDec	Pn pDec	Pn Qn	pDec Qn	Pn Qn pDec Qn	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)		COLS. (6) x (7) (8)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.57							1
2		2.92							2
3		2.92							3
4		3.22							4
5		1.46							5
6		2.61							6
7		3.09							7
8		3.42							8
9		4.57							9
10		2.54							10
11		2.21							11
12		2.28							12
13		2.17							13
14		2.87							14
15		1.53							15
16		1.53							16
17		1.96							17
18		1.53							18
19		1.65							19
20		2.63							20
21		2.95							21
22		2.01							22
23	1.00 avg	1.20	83.33	14.2	17.0				23
24		1.55							24
25		1.55							25
26		1.55							26
27		1.85							27
28		2.25							28
29		2.25							29
30		2.55							30
31		2.84							31
32		3.14							32
33	1.15	1.87	61.50	4.8	7.5				33
34	1.15	1.87	61.50	11.8	19.7				34
35		4.28							35
36		3.00							36
37		4.06							37
38		2.89							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GGK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	PDec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	2.62							1
	2	3.48							2
	3	4.00							3
	4	4.75							4
	5	3.75							5
	6			769.1	786.7	97.76*			6
	7								7
	8								8
	9								9
	10								10
	11								11
	12								12
	13								13
	14								14
	15								15
	16								16
	17								17
	18								18
	19								19
	20								20
	21								21
	22								22
	23								23
	24								24
	25								25
	26								26
	27								27
	28								28
	29								29
	30								30
	31								31
	32								32
	33								33
	34								34
	35								35
	36								36
	37								37
	38								38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF December 1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue BXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2FN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pa		pDec	$\frac{Pa}{pDec}$	Pa Qa	pDec Qa	$\frac{Pa Qa}{pDec Qa}$	P Dec 47-49=100	Pa 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1)	129 SHEET OR SALES TAB.	COLS. (4)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		.96	94.79	0.2	0.2				1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37	98.54	12.5	12.7				6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36		1.47	79.59	—	—				36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DEES: Page 2 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo (Continued)	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHCF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	Total Azo				
28	Basic	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	$\frac{Pn}{PDec}$ COLS. (1) (2)	Pn Qn 129 SHEET OR SALES TAB. (4)	PDec Qn COLS. (4) (3)	$\frac{Pn Qn}{PDec Qn}$ COLS. (4) (5)	P Dec 47-49=100 ECONOMIST'S OFFICE (7)	Pn 47-49=100 COLS. (6) x (7) (8)	L I N E
1		2.61							1
2		1.94							2
3		1.33							3
4		1.33							4
5		1.33							5
6		3.22							6
7		1.58							7
8		1.58							8
9		.93							9
10		.93							10
11		.93							11
12		2.86							12
13		3.59							13
14		5.02							14
15		2.88							15
16		2.15							16
17		3.12							17
18		2.41							18
19		3.66							19
20		2.73							20
21		2.12							21
22		2.58							22
23		1.53							23
24		1.40							24
25		3.66							25
26		1.33							26
27				375.2	375.4	99.95*			27
28		2.64	92.80	21.5	23.2				28
29		2.64	92.80	1.3	1.4				29
30		2.75	80.00	18.3	22.9				30
31		2.15	90.70	9.0	9.9				31
32		2.15	90.70	2.5	2.8				32
33		4.15							33
34		3.65							34
35		4.76							35
36		4.76							36
37		6.13							37
38		6.13							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 3 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranine T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TON			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BQC			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow hGL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red hG			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PIN Paste			
19	"Monastral"	"Lusane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	Pn OPERATING DEPARTMENT (1)	pDec OPERATING DEPARTMENT (2)	$\frac{Pn}{pDec}$ COLS. (1) (2)	Pn Qn 129 SHEET OR SALES TAB. (4)	pDec Qn COLS. (3) (5)	$\frac{Pn Qn}{pDec Qn}$ COLS. (4) (5)	P Dec 47-49=100 ECONOMIST'S OFFICE (7)	Pn 47-49=100 COLS. (6) x (7) (8)	L I N E
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		4.11							1
2		3.25	90.77	10.0	11.0				2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.49							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17				31.58	324.4	97.35*			17
18		315	96.83	73.9		96.83*			18
19		8.00							19
20		5.06							20
21		1.65							21
22		3.06							22
23		3.06							23
24		2.94	88.78	1.1	1.2				24
25		2.94							25
26		.60	98.33	0.5	0.5				26
27		2.94	88.78	5.3	6.0				27
28		2.94							28
29		.60	98.33	1.2	1.2				29
30		3.11							30
31		1.52	90.13	6.4	7.1				31
32		3.36	89.88	16.7	18.6				32
33		3.36							33
34		3.36							34
35		.69	97.10	0.3	0.3				35
36		.69	97.10	—	—				36
37		1.69	89.94	11.1	12.3				37
38		3.36	89.88	4.5	5.0				38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 4 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>"Monastral" (Continued)</u>	"Monastral" Fast Green GX Press Cake			
2		"Fontamine" Fast Turquoise RGL			
3	<u>Total "Monastral"</u>				
4	<u>"Fontamine" White</u>	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Fontamine" White BT			
7		"Fontamine" White BT Solution			
8		"Fontamine" White 2GT			
9	<u>Total "Fontamine" White</u>				
10	<u>"Sulfanthrene"</u>	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	<u>Total "Sulfanthrene"</u>				
15	<u>Sulfur Black</u>	"Sulfogene" Carbon HQCF Grains			
16		"Sulfogene" Carbon SGCf Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	<u>Total Sulfur Black</u>				
25	<u>Sulfur Miscellaneous</u>	Du Pont Stilbene Yellow GX			
26		"Fontamine" Fast Orange 6RN			
27		"Fontamine" Fast Yellow BBL			
28		"Fontamine" Fast Yellow 62RX			
29		"Fontamine" Yellow RPE			
30		"Fontamine" Yellow S3G			
31		"Fontamine" Yellow SXG			
32		"Fontamine" Yellow SXP			
33		"Fontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCf			
36		"Sulfogene" Navy Blue 4RCF			
37	<u>Total Sulfur Miscellaneous</u>				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PRECEDING DECEMBER	CURRENT MONTH	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		3.36							1
2		2.35							2
3				171.4	176.5	97.11 *			3
4		.80							4
5		.80							5
6		.80							6
7		.80							7
8		1.76							8
9						*			9
10		2.64							10
11		1.38							11
12		1.91							12
13		2.67							13
14						*			14
15		.47							15
16		.38							16
17		.38							17
18		.38							18
19		.38							19
20		.53							20
21		.47							21
22		.38							22
23		.30							23
24						*			24
25		1.31							25
26		.98							26
27		1.69							27
28		1.50							28
29		1.29							29
30		.93							30
31		1.44							31
32		1.29							32
33		2.15							33
34		.76							34
35		.81							35
36		1.43							36
37						*			37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		24-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Letyl" Developer B Solution			
10		"Lithosol" Acid BOW (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-F			
13		"Lithosol" Acid FEA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Letyl" Blue 4R			
31		"Letyl" Brilliant Blue BG			
32		"Letyl" Carise B			
33		"Letyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLF Paste			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (6)		COLS. (6) x (7) (8)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.74							1
2		.79							2
3		4.41							3
4		4.73							4
5		1.00	125.00	1.1	0.9				5
6		1.50	117.33	-	-				6
7		2.00							7
8		1.45							8
9		.53							9
10		9.12							10
11		.80							11
12		.80							12
13		1.04							13
14		1.31							14
15		.86							15
16		1.63							16
17		.96							17
18		1.43	87.41	3.1	3.5				18
19	1.45	1.59	91.19	-	-				19
20		1.59							20
21	1.45	1.59	91.19	3.0	3.3				21
22		1.43	87.41	3.1	3.5				22
23		1.45							23
24		1.00	110.00	2.4	2.7				24
25				73.1	73.8	99.05*			25
26		3.78							26
27		3.78							27
28		5.11							28
29		2.15							29
30		2.04							30
31		7.67							31
32		5.03	95.43	19.6	20.8				32
33		2.18							33
34		2.77	90.25	11.4	12.6				34
35		3.29							35
36		2.61							36
37		1.22							37
38		1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vata</u> (Continued)	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue ECS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet EN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION		
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100	
Pn	PDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)
OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (5)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	1.57						
2	2.92						
3	2.92						
4	3.22						
5	1.46						
6	2.61						
7	3.09						
8 2.80	3.42	81.87	6.2	7.6			
9	4.57						
10 2.03	2.54	79.92	8.7	10.9			
11	2.21						
12	2.28						
13	2.17						
14	2.87						
15	1.53						
16	1.53						
17	1.96						
18	1.53						
19	1.65	87.88	4.4	5.0			
20	2.63						
21	2.95						
22	2.01						
23	1.20	75.00	4.3	5.7			
24	1.55						
25	1.55						
26	1.55						
27	1.85						
28	2.25						
29	2.25						
30	2.55						
31	2.84						
32	3.14						
33	1.87	61.50	1.5	2.4			
34	1.87	61.50	0.6	1.0			
35	4.28						
36	3.00						
37	4.06						
38	2.89						

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GKK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	PRECEDING DECEMBER	CURRENT MONTH	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1	2.23	2.62	95.11	19.4	22.8				1
2		3.48							2
3		4.00							3
4		4.75							4
5		3.75							5
6				626.9	639.3	98.06 *			6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20
21									21
22									22
23									23
24									24
25									25
26									26
27									27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF November 1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4BL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurina 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3B			
22		"Halopont" Blue BGM			
23		"Halopont" Blue BXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2RD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E		
	L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn PDec Qn 129 SHEET OR SALES TAB.	PDec Qn COLS. (4) (3)	LINK RELATIVE	INDEX: 47-49=100			
		Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	Pn PDec COLS. (1) (2)			PDec Qn COLS. (4) (3)	Pn Qn PDec Qn COLS. (4) (5)		PRECEDING DECEMBER	CURRENT MONTH
										PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)				
	1		.96	94.79	2.0	2.1			1		
	2		3.14						2		
	3		2.99						3		
	4		4.05						4		
	5		.43						5		
	6		1.37	98.54	11.2	11.4			6		
	7		3.12						7		
	8		2.21						8		
	9		1.16						9		
	10		2.08						10		
	11		1.40						11		
	12		.93						12		
	13		1.30						13		
	14		1.50						14		
	15		2.01						15		
	16		1.25						16		
	17		1.29						17		
	18		.94						18		
	19		1.69						19		
	20		1.59						20		
	21		1.39						21		
	22		1.53						22		
	23		1.53						23		
	24		1.53						24		
	25		1.89						25		
	26		1.53						26		
	27		1.53						27		
	28		1.35						28		
	29		1.24						29		
	30		.55						30		
	31		1.31						31		
	32		.60						32		
	33		1.07						33		
	34		1.95						34		
	35		1.95						35		
	36		1.47	79.59	-	-			36		
	37		1.37						37		
	38		1.63						38		

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 2 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo (Continued)</u>	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black UIR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHCF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black I Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red RBLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green RXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristen" Black B			
27	<u>Total Azo</u>				
28	<u>Basic</u>	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E
					LINK RELATIVE	INDEX: 47-49=100			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE					PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	2.61							1
	2	1.94							2
	3	1.33							3
	4	1.33							4
	5	1.33							5
	6	3.22							6
	7	1.58							7
	8	1.58							8
	9	.93							9
	10	.93							10
	11	.93							11
	12	2.86							12
	13	3.59							13
	14	5.02							14
	15	2.88							15
	16	2.15							16
	17	3.12							17
	18	2.41							18
	19	3.66							19
	20	2.73							20
	21	2.12							21
	22	2.58							22
	23	1.53							23
	24	1.40							24
	25	3.66							25
	26	1.33							26
	27			419.3	419.6	99.93 *			27
	28	2.64	92.80	22.8	24.6				28
	29	2.64	92.80	4.5	4.8				29
	30	2.75	80.00	53.2	106.5				30
	31	2.15	90.70	8.5	9.4				31
	32	2.15	90.70	2.1	2.3				32
	33	4.15							33
	34	3.65							34
	35	4.76							35
	36	4.76							36
	37	6.13							37
	38	6.13							38

ORGANIC CHEMICALS DEPARTMENT MONTH OF 1958
DYES: Page 3 of 7 Pages
MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

$47-49=100$
 $47-49=100$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranine T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow 4GL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red 4G			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PLN Pasta			
19	"Monastral"	"Luxane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFM Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	$\frac{Pn}{PDec}$ COLS. (1) (2)	Pn Qn 129 SHEET OR SALES TAB. (4)	PDec Qn COLS. (4) (3)	$\frac{Pn Qn}{PDec Qn}$ COLS. (4) (5)	PDec 47-49=100 ECONOMIST'S OFFICE (7)	Pn 47-49=100 COLS. (6) x (7) (8)	L I N E
1		4.11							1
2		3.25							2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.49							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17				454.9	471.4	96.50 *			17
18		.315	96.83			96.83 *			18
19		8.00							19
20		5.06							20
21		1.65							21
22		3.06							22
23		3.06							23
24		2.94	88.78	4.0	4.5				24
25		2.94							25
26		.60	98.32	13.7	13.9				26
27		2.94	88.78	15.8	16.9				27
28		2.94							28
29		.60	98.33	1.7	1.7				29
30		3.11							30
31		1.52	90.13	6.7	7.4				31
32		3.36	89.88	18.8	20.9				32
33		3.36							33
34		3.36							34
35		.69	97.10	—					35
36		.69	97.10	—					36
37		1.69	89.94	9.9	11.0				37
38		3.36	89.88	4.3	4.8				38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 4 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black FG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow S3G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (4)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		3.36							1
2		2.35							2
3				249.7	255.7	97.26 *			3
4		.80							4
5		.80							5
6		.80							6
7		.80							7
8		1.76							8
9						*			9
10		2.64							10
11		1.38							11
12		1.91							12
13		2.67							13
14						*			14
15		.47							15
16		.38							16
17		.38							17
18		.38							18
19		.38							19
20		.53							20
21		.47							21
22		.38							22
23		.30							23
24						*			24
25		1.31							25
26		.98							26
27		1.69							27
28		1.50							28
29		1.29							29
30		.93							30
31		1.44							31
32		1.29							32
33		2.15							33
34		.76							34
35		.81							35
36		1.43							36
37						*			37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		2,4-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid REA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Pontamine" Developer TW Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BG			
32		"Latyl" Cerise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	PRECEDING DECEMBER	CURRENT MONTH	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	P _{Dec} 47-49=100 ECONOMIST'S OFFICE	P _n 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	1.14							1
	2	.79							2
	3	4.41							3
	4	4.73							4
	5	1.00	125.00	0.8	0.6				5
	6	1.50	117.33	-	-				6
	7	2.00							7
	8	1.45							8
	9	.53							9
	10	9.12							10
	11	.80							11
	12	.80							12
	13	1.04							13
	14	1.31							14
	15	.86							15
	16	1.63							16
	17	.96							17
	18	1.25 1.43	87.41	2.1	2.4				18
	19	1.59	96.86	-	-				19
	20	1.59							20
	21	1.59	96.86	0.5	0.5				21
	22	1.25 1.43	87.41	8.3	9.5				22
	23	1.45							23
	24	1.00	110.00	5.2	4.7				24
	25			72.7	73.5	98.91 *			25
	26	3.78							26
	27	3.78							27
	28	5.11							28
	29	2.15							29
	30	2.04							30
	31	7.67							31
	32	5.03	95.43	32.9	34.5				32
	33	2.18							33
	34	2.77	90.25	15.5	17.2				34
	35	3.29							35
	36	2.61							36
	37	1.22							37
	38	1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 6 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vata (Continued)	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB.	pDec Qn COLS. (4) (3)	LINK RELATIVE Pn Qn pDec Qn COLS. (4) (5)	INDEX: 47-49=100		L I N E
	Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	Pn 47-49=100 ECONOMIST'S OFFICE COLS. (6) x (7) (8)				Pn 47-49=100 COLS. (6) x (7) (8)		
1		1.57							1
2		2.92							2
3		2.92							3
4		3.22							4
5		1.46							5
6		2.61							6
7		3.09							7
8		3.42							8
9		4.57							9
10	2.29 angle	2.54	90.16	32.6	36.2				10
11		2.21							11
12		2.28							12
13		2.17							13
14		2.87							14
15		1.53							15
16		1.53							16
17		1.96							17
18		1.53							18
19	1.45	1.65	87.98	5.6	6.4				19
20		2.63							20
21		2.95							21
22		2.01							22
23	.90	1.20	75.00	3.4	4.5				23
24		1.55							24
25		1.55							25
26		1.55							26
27		1.85							27
28		2.25							28
29		2.25							29
30		2.55							30
31		2.84							31
32		3.14							32
33		1.87	64.50	4.9	8.0				33
34		1.87	64.50	7.3	11.9				34
35		4.28							35
36		3.00							36
37		4.06							37
38		2.89							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 7 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GKK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB.	pDec Qn COLS. (3)	LINK RELATIVE $\frac{Pn Qn}{pDec Qn}$ COLS. (5)	INDEX: 47-49=100		
	Pn OPERATING DEPARTMENT (1)	pDec OPERATING DEPARTMENT (2)	$\frac{Pn}{pDec}$ COLS. (1) (2)				PRECEDING DECEMBER	CURRENT MONTH	
							P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7) (8)	
1		2.62							1
2		3.48							2
3		4.00							3
4		4.75							4
5		3.75							5
6				773.6	790.1	97.91 *			6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20
21									21
22									22
23									23
24									24
25									25
26									26
27									27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38

ORGANIC CHEMICALS DEPARTMENT MONTH OF October 1958
 DYES: Page 1 of 7 Pages
**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
 USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BEAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue BXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RW			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

22/11: 1970-1971 CHITAGANGA DISTRICT - A-10

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100	Pn 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7) (8)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		.96	94.79	7.3	7.7				1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37	98.54	12.6	12.8				6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36		1.47	79.59	0.6	0.8				36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 2 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n_{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}_{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo (Continued)	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5B			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHCF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange RGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	Total Azo				
28	Basic	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow FN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pa	PDec	$\frac{Pa}{PDec}$	Pa Qa	PDec Qa	$\frac{Pa Qa}{PDec Qa}$	PDec 47-49=100 ECONOMIST'S OFFICE	Pa 47-49=100 COLS. (6) x (7)	
OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)		COLS. (6) x (7) (8)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	2.61							1
	1.94							2
	1.33							3
	1.33							4
	1.33							5
	3.22							6
	1.58							7
	1.58							8
	.93							9
	.93							10
	.93							11
	2.86							12
	3.59							13
	5.02							14
	2.88							15
	2.15							16
	3.12							17
	2.41							18
	3.66							19
	2.73							20
	2.12							21
	2.58							22
	1.53							23
	1.40							24
	3.66							25
	1.33							26
			478.9	479.7	99.83*			27
	2.64	92.80	25.1	27.0				28
	2.64	92.80	6.3	6.8				29
	2.75	80.80	53.5	66.9				30
	2.15	90.70	10.8	11.9				31
	2.15	90.70	3.0	3.3				32
	4.15							33
	3.65							34
	4.76							35
	4.76							36
	6.13							37
	6.13							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 3 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranin T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Fontacyl" Green NV Extra			
9		"Fontamine" Fast Yellow HGL			
10		"Fontamine" Fast Yellow RL			
11		"Fontamine" Yellow CH			
12		"Fontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red LG			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PLN Paste			
19	"Monastral"	"Iussane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCEN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

THIS REPORT CONTAINS INFORMATION THAT IS UNCLASSIFIED

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB.	PDec Qn COLS. (3)	LINK RELATIVE Pn Qn PDec Qn COLS. (5)	INDEX: 47-49=100		L I N E
	OPERATING DEPARTMENT (1)	OPERATING DEPARTMENT (2)	COLS. (1) (2)				PRECEDING DECEMBER	CURRENT MONTH	
							COLS. (6) x (7)	COLS. (8)	
1		4.11							1
2		3.25	90.77	8.0	8.8				2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.49							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17				432.2	450.2	96.00 *			17
18		.315	96.83	54.1		96.83 *			18
19		8.00							19
20		5.06							20
21		1.65							21
22	2.88	2.88 3.06	—						22
23	2.72	2.72 3.06	—						23
24	2.61	2.94	89.78	1.2	1.4				24
25	2.47	2.47 2.94	—						25
26	.59	.60	98.33	1.1	1.1				26
27	2.61	2.94	89.78	5.5	6.2				27
28	2.47	2.47 2.94	—						28
29	.59	.60	98.33	1.6	1.6				29
30	2.47	2.47 3.11	—						30
31	1.37	1.52	90.13	8.6	9.5				31
32	3.02	3.36	89.88	12.8	14.2				32
33	2.85	2.85 3.36	—						33
34	2.85	2.85 3.36	—						34
35	.67	.69	97.10	—					35
36	.67	.69	97.10	—					36
37	1.52	1.69	89.94	11.9	13.2				37
38	3.02	3.36	89.88	1.2	1.3				38

ORGANIC CHEMICALS DEPARTMENT MONTH OF 1958
DYES: Page 4 of 7 Pages
MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RF			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow S3G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)		COLS. (6) x (7)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
L I N E	1	2.85	3.36	—					1
	2		2.35						2
	3				194.1	199.6	97.74*		3
	4		.80						4
	5		.80						5
	6		.80						6
	7		.80						7
	8		1.76						8
	9						*		9
	10		2.64						10
	11		1.38						11
	12		1.91						12
	13		2.67						13
	14						*		14
	15		.47						15
	16		.38						16
	17		.38						17
	18		.38						18
	19		.38						19
	20		.53						20
	21		.47						21
	22		.38						22
	23		.30						23
	24						*		24
	25		1.31						25
	26		.98						26
	27		1.69						27
	28		1.50						28
	29		1.29						29
	30		.93						30
	31		1.44						31
	32		1.29						32
	33		2.15						33
	34		.76						34
	35		.81						35
	36		1.43						36
	37						*		37
	38								38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Textile & Pigment Intermediates	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		2,4-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BOW (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	Total Textile & Pigment Intermediates				
26	Vats	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BG			
32		"Latyl" Cerise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

REVISION OF THE STATISTICAL METHOD EMPLOYED IN THE PREPARATION OF THE INDEX

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
P _n		P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7) (8)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
L I N E	1		1.14						1
	2		.79						2
	3		4.47						3
	4		4.73						4
	5		1.00	125.00	0.8	0.6			5
	6		1.50	117.33	-				6
	7		2.00						7
	8		1.45						8
	9		.53						9
	10		9.12						10
	11		.80						11
	12		.80						12
	13		1.04						13
	14		1.31						14
	15		.86						15
	16		1.63						16
	17		.96						17
	18		1.43						18
	19		1.59	96.86	-				19
	20		1.59						20
	21		1.59	96.86	0.9	0.9			21
	22		1.43						22
	23		1.45						23
	24		1.00	110.00	4.0	3.6			24
	25				97.9	97.3	100.62*		25
	26		3.78						26
	27		3.78						27
	28		5.11						28
	29		2.15						29
	30		2.04						30
	31		7.67						31
	32		5.03	95.43	43.4	45.5			32
	33		2.18						33
	34		2.77	90.25	23.3	23.6			34
	35		3.29						35
	36		2.61						36
	37		1.22						37
	38		1.16						38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats</u> (Continued)	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RBT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (5)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.57							1
2		2.92							2
3		2.92							3
4		3.22							4
5		1.46							5
6		2.61							6
7		3.09							7
8		3.42							8
9		4.57							9
10		2.54							10
11		2.21							11
12		2.28							12
13		2.17							13
14		2.87							14
15		1.53							15
16		1.53							16
17		1.96							17
18		1.53							18
19		1.65							19
20		2.63							20
21		2.95							21
22		2.01							22
23	1.00 avg	1.20	83.33	14.2	17.0				23
24		1.55							24
25		1.55							25
26		1.55							26
27		1.85							27
28		2.25							28
29		2.25							29
30		2.55							30
31		2.84							31
32		3.14							32
33	1.15	1.87	61.50	4.8	7.8				33
34	1.15	1.87	61.50	11.8	19.7				34
35		4.28							35
36		3.00							36
37		4.06							37
38		2.89							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GGK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION		
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100	
							PRECEDING DECEMBER	CURRENT MONTH
L I N E	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1		2.62						
2		3.48						
3		4.00						
4		4.75						
5		3.75						
6				769.1	786.7	97.76*		
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								

ORGANIC CHEMICALS DEPARTMENT

MONTH OF Sept 1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo</u>	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue BXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BEO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
	P _n	p _{Dec}	$\frac{P_n}{p_{Dec}}$	P _n Q _n	p _{Dec} Q _n	$\frac{P_n Q_n}{p_{Dec} Q_n}$	P _n Q _n	$\frac{P_n}{47-49=100}$	P _n Q _n
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		.96	94.79	10.4	11.0				1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6	1.95	1.37	99.54	14.9	15.1				6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36		1.47	79.59	0.4	0.5				36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Sept 1958

DYES: Page 2 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 \quad = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo (Continued)	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHC Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange RGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	Total Azo				
28	Basic	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)			
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
L									L
I									I
N									N
E									E
1		2.61							1
2		1.94							2
3		1.33							3
4		1.33							4
5		1.33							5
6		3.22							6
7		1.58							7
8		1.58							8
9		.93							9
10		.93							10
11		.93							11
12		2.86							12
13		3.59							13
14		5.02							14
15		2.88							15
16		2.15							16
17		3.12							17
18		2.41							18
19		3.66							19
20		2.73							20
21		2.12							21
22		2.58							22
23		1.53							23
24		1.40							24
25		3.66							25
26		1.33							26
27				431.8	432.7	99.79*			27
28		2.64	92.80	17.2	18.5				28
29		2.64	92.80	7.6	8.2				29
30		2.75	80.80	52.3	125.4				30
31		2.15	90.70	10.9	17.0				31
32		2.15	90.70	1.0	1.1				32
33		4.15							33
34		3.65							34
35		4.76							35
36		4.76							36
37		6.13							37
38		6.13							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Sept. 1958

DYES: Page 3 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranin T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Pontacyl" Green NY Extra			
9		"Pontamine" Fast Yellow 4GL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red 4G			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				New Price
18	Indigo	Du Pont Indigo PM Paste			add 7/4
19	"Monastral"	"Luxane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			2.88
23		"Monastral" Fast Blue BB Supra Press Cake			2.72
24		"Monastral" Fast Blue BC Powder			2.61
25		"Monastral" Fast Blue BCFN Press Cake			2.47
26		"Monastral" Fast Blue BFR Paste			.59
27		"Monastral" Fast Blue BNC Powder			2.61
28		"Monastral" Fast Blue BNC Press Cake			2.47
29		"Monastral" Fast Blue BNC Pulp			.59
30		"Monastral" Fast Blue BNF Press Cake			2.47
31		"Monastral" Fast Blue BWD			1.37
32		"Monastral" Fast Green G Powder			3.02
33		"Monastral" Fast Green G Press Cake			2.85
34		"Monastral" Fast Green GB Press Cake			2.85
35		"Monastral" Fast Green GF Paste			.67
36		"Monastral" Fast Green GFP Paste			.67
37		"Monastral" Fast Green GWD			1.52
38		"Monastral" Fast Green GX Powder			3.02

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAR.	COLS. (4) (3)	COLS. (6) (5)		COLS. (6) x (7)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		4.11							1
2		3.25	90.77	3.0	3.3				2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.49							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17	Range			450.8	467.3	96.47*			17
18	Prices	.315	96.83	95.2	98.3	96.83*			18
19	—	8.00							19
20	—	5.06							20
21	—	1.65							21
22	—	2.88 3.06							22
23	—	2.72 3.06							23
24	2.78	2.94	94.56	0.3	0.3				24
25	—	2.94 2.94							25
26	.515	.60	99.17	13.3	13.4				26
27	2.78	2.94	94.56	25.5	24.9				27
28	—	2.94 2.94							28
29	.595	.60	99.17	2.4	2.4				29
30	—	2.47 3.11							30
31	1.45	1.52	95.39	8.8	9.2				31
32	3.19	3.36	94.94	31.0	32.7				32
33	—	2.83 3.36							33
34	—	2.83 3.36							34
35	.68	.69	98.55	2.2	2.2				35
36	.68	.69	98.55	0.2	0.2				36
37	1.61	1.69	95.27	11.6	12.2				37
38	3.19	3.36	94.94	12.0	12.6				38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Sept 1958

DYES: Page 4 of 7 Pages
**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
 USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			2.5
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2QT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon MCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62FX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow S3G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RUCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn OPERATING DEPARTMENT (1)	pDec OPERATING DEPARTMENT (2)	$\frac{Pn}{pDec}$ COLS. (1) (2)	Pn Qn 129 SHEET OR SALES TAB. (4)	pDec Qn COLS. (4) (3)	$\frac{Pn Qn}{pDec Qn}$ COLS. (4) (5)	P Dec 47-49=100 ECONOMIST'S OFFICE (7)	Pn 47-49=100 COLS. (6) x (7) (8)	L I N E
1	—	2.35							1
2	—	2.35							2
3				251.9	256.9	98.13*			3
4		.80							4
5		.80							5
6		.80							6
7		.80							7
8		1.76							8
9						*			9
10		2.64							10
11		1.38							11
12		1.91							12
13		2.67							13
14							*		14
15		.47							15
16		.38							16
17		.38							17
18		.38							18
19		.38							19
20		.53							20
21		.47							21
22		.38							22
23		.30							23
24							*		24
25		1.31							25
26		.98							26
27		1.69							27
28		1.50							28
29		1.29							29
30		.93							30
31		1.44							31
32		1.29							32
33		2.15							33
34		.76							34
35		.81							35
36		1.43							36
37							*		37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Sept 1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		24-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Iatyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Iatyl" Blue BR			
31		"Iatyl" Brilliant Blue BG			
32		"Iatyl" Cerise B			
33		"Iatyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	PRECEDING DECEMBER	CURRENT MONTH	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	P _{Dec} 47-49=100 ECONOMIST'S OFFICE	P _n 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.74							1
2		.79							2
3		4.41							3
4		4.73							4
5		1.00	125.00	0.16	0.15				5
6		1.50	117.33	-	-				6
7		2.00							7
8		1.45							8
9		.53							9
10		9.12							10
11		.80							11
12		.80							12
13		1.04							13
14		1.31							14
15		.86							15
16		1.63							16
17		.96							17
18		1.43							18
19		1.59	96.86	2.9	3.0				19
20		1.59							20
21		1.59	96.86	-	-				21
22		1.43							22
23		1.45							23
24		1.00	110.00	2.7	2.5				24
25				172.6	172.4	100.28*			25
26		3.78							26
27		3.78							27
28		5.11							28
29		2.15							29
30		2.04							30
31		7.67							31
32		5.03	95.43	26.9	28.2				32
33		2.18							33
34		2.77	90.75	15.8	17.5				34
35		3.29							35
36		2.61							36
37		1.22							37
38		1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Sept 1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats (Continued)</u>	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PG Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RBT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB.	PDec Qn COLS. (4) (3)	LINK RELATIVE Pn Qn PDec Qn COLS. (4) (5)	INDEX: 47-49=100		L I N E
	Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	COLS. (1) (2)				PRECEDING DECEMBER	CURRENT MONTH	
							PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7) (8)	
1		1.57							1
2		2.92							2
3		2.92							3
4		3.22							4
5		1.46							5
6		2.61							6
7		3.09							7
8		3.42							8
9		4.57							9
10		2.54							10
11		2.21							11
12		2.28							12
13		2.17							13
14		2.87							14
15		1.53							15
16		1.53							16
17		1.96							17
18		1.53							18
19		1.65							19
20		2.63							20
21		2.95							21
22		2.01							22
23		1.20							23
24		1.55							24
25		1.55							25
26		1.55							26
27		1.85							27
28		2.25							28
29		2.25							29
30		2.55							30
31		2.84							31
32		3.14							32
33		1.87							33
34		1.87							34
35		4.28							35
36		3.00							36
37		4.06							37
38		2.89							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

Sept 1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GKK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	P Dec Qn	$\frac{Pn Qn}{P Dec Qn}$	P Dec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	2.62							1
	2	3.48							2
	3	4.00							3
	4	4.75							4
	5	3.75							5
	6			671.0	674.0	99.55 *			6
	7								7
	8								8
	9								9
	10								10
	11								11
	12								12
	13								13
	14								14
	15								15
	16								16
	17								17
	18								18
	19								19
	20								20
	21								21
	22								22
	23								23
	24								24
	25								25
	26								26
	27								27
	28								28
	29								29
	30								30
	31								31
	32								32
	33								33
	34								34
	35								35
	36								36
	37								37
	38								38

ORGANIC CHEMICALS DEPARTMENT MONTH OF August 1958
DYES: Page 1 of 7 Pages
**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue BYM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) COLS. (2)	129 SHEET OR SALES TAB.	COLS. (4) COLS. (3)	COLS. (4) COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1	91	.96	94.79	6.1	6.4				1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37							6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36	1.17	1.47	79.59	4.1	5.2				36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF August 1958

DYES: Page 2 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo (Continued)	"Pontacryl" Fast Black N2B			
2		"Pontacryl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHCF Conc.			
11		"Pontamine" Diazo Black BHEW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Serigsten" Black B			
27	Total Azo				
28	Basic	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 6GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB.	PDec Qn COLS. (4) (3)	LINK RELATIVE Pn Qn PDec Qn COLS. (4) (5)	INDEX: 47-49=100		Pn 47-49=100 COLS. (6) x (7)	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)				PRECEDING DECEMBER	CURRENT MONTH		
							(1)	(2)		
1		2.61								1
2		1.94								2
3		1.33								3
4		1.33								4
5		1.33								5
6		3.22								6
7		1.58								7
8		1.58								8
9		.93								9
10		.93								10
11		.93								11
12		2.86								12
13		3.59								13
14		5.02								14
15		2.88								15
16		2.15								16
17		3.12								17
18		2.41								18
19		3.66								19
20		2.73								20
21		2.12								21
22		2.58								22
23		1.53								23
24		1.40								24
25		3.66								25
26		1.33								26
27				422.6	424.0	99.67*				27
28		2.64	92.80	2.58	27.8					28
29		2.64	92.80	6.7	7.4					29
30		2.75	80.00	57.6	72.0					30
31		2.15	90.70	8.7	9.6					31
32		2.15	90.70	1.8	2.0					32
33		4.15								33
34		3.65								34
35		4.76								35
36		4.76								36
37		6.13								37
38		6.13								38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF August 1958

DYES: Page 3 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Basic (Continued)</u>	Du Pont Saffranine T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow 4GL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red 4G			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	<u>Total Basic</u>				
18	<u>Indigo</u>	Du Pont Indigo PLW Paste			
19	<u>"Monastral"</u>	"Luxane" Brilliant Blue B			
20		"Luxol" Fast Blue MBN			
21		"Monastral" Fast Blue B Grade (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB. (4)	PDec Qn COLS. (4) (3)	LINK RELATIVE	INDEX: 47-49=100		L I N E
	Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	$\frac{Pn}{PDec}$ COLS. (1) (2)			PDec 47-49=100 ECONOMIST'S OFFICE (7)	Pn 47-49=100 COLS. (6) x (7) (8)		
1		4.11							1
2		3.25	96.77	1.2	1.3				2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.49							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17				451.8	467.9	96.15 *			17
18		315	96.83			96.83 *			18
19		8.00							19
20		5.06							20
21		1.65							21
22		3.06							22
23		3.06							23
24		2.94							24
25		2.94							25
26		.60							26
27		2.94							27
28		2.94							28
29		.60							29
30		3.11							30
31		1.52							31
32		3.36							32
33		3.36							33
34		3.36							34
35		.69							35
36		.69							36
37		1.69							37
38		3.36							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF August 1958

DYES: Page 4 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>"Monastral" (Continued)</u>	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	<u>"Pontamine" White</u>	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	<u>"Sulfanthrene"</u>	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink EFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	<u>Sulfur Black</u>	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon ECF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	<u>Sulfur Miscellaneous</u>	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RFE			
30		"Pontamine" Yellow 83G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	LINK RELATIVE			INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	P_n	P_{Dec}	$\frac{P_n}{P_{Dec}}$	$P_n Q_n$	$P_{Dec} Q_n$	$\frac{P_n Q_n}{P_{Dec} Q_n}$	$\frac{P_{Dec}}{47-49=100}$	$\frac{P_n}{47-49=100}$	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	3.36							1
	2	2.35							2
	3					*			3
	4	.80							4
	5	.80							5
	6	.80							6
	7	.80							7
	8	1.76							8
	9					*			9
	10	2.64							10
	11	1.38							11
	12	1.91							12
	13	2.67							13
	14					*			14
	15	.47							15
	16	.38							16
	17	.38							17
	18	.38							18
	19	.38							19
	20	.53							20
	21	.47							21
	22	.38							22
	23	.30							23
	24					*			24
	25	1.31							25
	26	.98							26
	27	1.69							27
	28	1.50							28
	29	1.29							29
	30	.93							30
	31	1.44							31
	32	1.29							32
	33	2.15							33
	34	.76							34
	35	.81							35
	36	1.43							36
	37					*			37
	38								38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF August 1958

DYES: Page 5 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamide" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		24-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro-2-Aminoanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BG			
32		"Latyl" Perise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	PRECEDING DECEMBER	CURRENT MONTH	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.14							1
2		.79							2
3		4.41							3
4		4.73							4
5		1.00	125.00	1.1	6.9				5
6		1.50	117.33	-	-				6
7		2.00							7
8		1.45							8
9		.53							9
10		9.12							10
11		.80							11
12		.80							12
13		1.04							13
14		1.31							14
15		.86							15
16		1.63							16
17		.96							17
18		1.43							18
19	1.54	1.59	96.86	0.9	0.9				19
20		1.59							20
21	1.54	1.59	96.86	14.2	14.8				21
22		1.43							22
23		1.45							23
24		1.00	110.00	5.2	4.8				24
25				94.4	94.2	100.21 *			25
26		3.78							26
27		3.78							27
28		5.11							28
29		2.15							29
30		2.04							30
31		7.67							31
32		5.03	95.43	29.0	30.4				32
33		2.18							33
34		2.77	90.22	15.4	17.1				34
35		3.29							35
36		2.61							36
37		1.22							37
38		1.16							38

ORGANIC CHEMICALS DEPARTMENT MONTH OF August 1958
 DYES: Page 6 of 7 Pages
**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
 USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vata (Continued)</u>	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PG Double Paste			
17		"Ponsol" Direct Black BDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RBT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	LINK RELATIVE			INDEX: 47-49=100				
						PRECEDING DECEMBER	CURRENT MONTH			
L I N E	P _n	p _{Dec}	$\frac{P_n}{p_{Dec}}$	P _n Q _n	p _{Dec} Q _n	$\frac{P_n Q_n}{p_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100		L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR S/LES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6)x (7)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
	1	1.57								1
	2	2.92								2
	3	2.92								3
	4	3.22								4
	5	1.46								5
	6	2.61								6
	7	3.09								7
	8	3.42								8
	9	4.57								9
	10	2.54								10
	11	2.21								11
	12	2.28								12
	13	2.17								13
	14	2.87								14
	15	1.53								15
	16	1.53								16
	17	1.96								17
	18	1.53								18
	19	1.65								19
	20	2.63								20
	21	2.95								21
	22	2.01								22
	23	1.20								23
	24	1.55								24
	25	1.55								25
	26	1.55								26
	27	1.85								27
	28	2.25								28
	29	2.25								29
	30	2.55								30
	31	2.84								31
	32	3.14								32
	33	1.87								33
	34	1.87								34
	35	4.28								35
	36	3.00								36
	37	4.06								37
	38	2.89								38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF August 1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GOK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION		
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100	
	P _n	p _{Dec}	$\frac{P_n}{p_{Dec}}$	P _n Q _n	p _{Dec} Q _n	$\frac{P_n Q_n}{p_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100
L I N E	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	1	2.62						
	2	3.48						
	3	4.00						
	4	4.75						
	5	3.75						
	6			627.6	630.7	99.51 *		
	7							
	8							
	9							
	10							
	11							
	12							
	13							
	14							
	15							
	16							
	17							
	18							
	19							
	20							
	21							
	22							
	23							
	24							
	25							
	26							
	27							
	28							
	29							
	30							
	31							
	32							
	33							
	34							
	35							
	36							
	37							
	38							

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF July 1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue EXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2DM			
27		"Halopont" Violet NM			
28		"Latyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow BV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E		
L I N E	P _n OPERATING DEPARTMENT (1)	P _{Dec} OPERATING DEPARTMENT (2)	PRICE RELATIVE $\frac{P_n}{P_{Dec}}$ COLS. (1) (2)			LINK RELATIVE $\frac{P_n Q_n}{P_{Dec} Q_n}$ COLS. (4) (5)	INDEX: 47-49=100		P _{Dec} 47-49=100 ECONOMIST'S OFFICE (7)		P _n 47-49=100 COLS. (6) x (7) (8)	
							CURRENT MONTH	PRECEDING DECEMBER				CURRENT MONTH
				129 SHEET OR SALES TAB.								
	1		.96							1		
	2		3.14							2		
	3		2.99							3		
	4		4.05							4		
	5		.43							5		
	6		1.37							6		
	7		3.12							7		
	8		2.21							8		
	9		1.16							9		
	10		2.08							10		
	11		1.40							11		
	12		.93							12		
	13		1.30							13		
	14		1.50							14		
	15		2.01							15		
	16		1.25							16		
	17		1.29							17		
	18		.94							18		
	19		1.69							19		
	20		1.59							20		
	21		1.39							21		
	22		1.53							22		
	23		1.53							23		
	24		1.53							24		
	25		1.89							25		
	26		1.53							26		
	27		1.53							27		
	28		1.35							28		
	29		1.24							29		
	30		.55							30		
	31		1.31							31		
	32		.60							32		
	33		1.07							33		
	34		1.95							34		
	35		1.95							35		
	36	1.37	1.47	93.20	78	8.4				36		
	37		1.37							37		
	38		1.63							38		

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 2 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo (Continued)</u>	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHCF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green EXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	<u>Total Azo</u>				
28	<u>Basic</u>	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

L I N E		QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
		CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
								PRECEDING DECEMBER	CURRENT MONTH	
P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100 ECONOMIST'S OFFICE	P _n 47-49=100			
OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	COLS. (5)	COLS. (6) x (7)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
1		2.61						1		
2		1.94						2		
3		1.33						3		
4		1.33						4		
5		1.33						5		
6		3.22						6		
7		1.58						7		
8		1.58						8		
9		.93						9		
10		.93						10		
11		.93						11		
12		2.86						12		
13		3.59						13		
14		5.02						14		
15		2.88						15		
16		2.15						16		
17		3.12						17		
18		2.41						18		
19		3.66						19		
20		2.73						20		
21		2.12						21		
22		2.58						22		
23		1.53						23		
24		1.40						24		
25		3.66						25		
26		1.33						26		
27				336.5	327.1	99.82%		27		
28	2.45	2.64	92.80 ✓	38.1	42.1			28		
29	2.45	2.64	92.80 ✓	4.8	5.2			29		
30	2.20	2.75	80.00 ✓	49.0	61.3			30		
31	1.95	2.15	90.70 ✓	2.0	2.2			31		
32	1.95	2.15	90.70 ✓	0.9	1.0			32		
33		4.15						33		
34		3.65						34		
35		4.76						35		
36		4.76						36		
37		6.13						37		
38		6.13						38		

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 3 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranine T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow hGL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CR			
12		"Pontamine" Yellow CRP			
13		"Sevron" Brilliant Red R			
14		"Sevron" Brilliant Red hG			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PIN Paste			
19	"Monastral"	"Lusane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GR Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		PDec	Pn PDec	Pn Qn	PDec Qn	Pn Qn PDec Qn	P Dec 47-49=100	Pn 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
L I N E									L I N E
1		4.11							1
2	2.95	3.25	90.77✓	4.3	4.7				2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.42							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17				411.8	428.2	96.17*			17
18	3.05	.315	96.83✓			96.82*			18
19		8.00							19
20		5.06							20
21		1.65							21
22		3.06							22
23		5.05							23
24		2.94							24
25		2.94							25
26		.60							26
27		2.94							27
28		2.94							28
29		.60							29
30		3.11							30
31		1.52							31
32		3.35							32
33		3.36							33
34		3.35							34
35		.60							35
36		.60							36
37		1.69							37
38		3.36							38

ORGANIC CHEMICALS DEPARTMENT MONTH OF 1958

DYES: Page 4 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES

USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow S3G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

L I N E	QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100		
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1		3.36								1
2		2.35								2
3						*				3
4		.80								4
5		.80								5
6		.80								6
7		.80								7
8		1.76								8
9						*				9
10		2.64								10
11		1.38								11
12		1.91								12
13		2.67								13
14						*				14
15		.47								15
16		.38								16
17		.38								17
18		.38								18
19		.38								19
20		.53								20
21		.47								21
22		.38								22
23		.30								23
24						*				24
25		1.31								25
26		.98								26
27		1.69								27
28		1.50								28
29		1.29								29
30		.93								30
31		1.44								31
32		1.29								32
33		2.15								33
34		.76								34
35		.81								35
36		1.42								36
37						*				37
38										38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		2,4-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BG			
32		"Latyl" Cerise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	LINK RELATIVE			INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	P _n OPERATING DEPARTMENT (1)	p _{Dec} OPERATING DEPARTMENT (2)	$\frac{P_n}{p_{Dec}}$ (1) COLS. (2) (3)	P _n Q _n 129 SHEET OR SALES TAB. (4)	p _{Dec} Q _n (4) COLS. (3) (5)	$\frac{P_n Q_n}{p_{Dec} Q_n}$ (4) COLS. (5) (6)	P _{Dec} 47-49=100 ECONOMIST'S OFFICE (7)	P _n 47-49=100 COLS. (6) x (7) (8)	L I N E
1		1.14							1
2		.79							2
3		4.41							3
4		4.73							4
5	1.25	1.00	125.00 ✓	6.7	6.6				5
6	1.76	1.50	117.33 ✓	—	—				6
7		2.00							7
8		1.45							8
9		.53							9
10		9.12							10
11		.80							11
12		.80							12
13		1.04							13
14		1.31							14
15		.86							15
16		1.63							16
17		.96							17
18		1.43							18
19		1.59							19
20		1.59							20
21		1.59							21
22		1.43							22
23		1.45							23
24	1.10	1.00	110.00 ✓	2.4	2.2				24
25				63.8	63.5	100.47%			25
26		3.72							26
27		3.72							27
28		5.11							28
29		2.15							29
30		2.04							30
31		7.67							31
32	4.80	5.03	95.43 ✓	18.6	19.5				32
33		2.18							33
34	2.50	2.77	90.25 ✓	6.5	7.2				34
35		3.20							35
36		2.61							36
37		1.22							37
38		1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats (Continued)</u>	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RBT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown NB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	P_n	P_{Dec}	$\frac{P_n}{P_{Dec}}$	$P_n Q_n$	$P_{Dec} Q_n$	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P_{Dec} 47-49=100	P_n 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	1.57							1
	2	2.92							2
	3	2.92							3
	4	3.22							4
	5	1.46							5
	6	2.61							6
	7	3.09							7
	8	3.42							8
	9	4.57							9
	10	2.54							10
	11	2.21							11
	12	2.28							12
	13	2.17							13
	14	2.87							14
	15	1.53							15
	16	1.53							16
	17	1.96							17
	18	1.53							18
	19	1.65							19
	20	2.63							20
	21	2.95							21
	22	2.01							22
	23	1.20							23
	24	1.55							24
	25	1.55							25
	26	1.55							26
	27	1.85							27
	28	2.25							28
	29	2.25							29
	30	2.55							30
	31	2.84							31
	32	3.14							32
	33	3.47							33
	34	3.37							34
	35	3.20							35
	36	3.00							36
	37	3.06							37
	38	2.69							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GKK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB.	PDec Qn COLS. (4) (3)	LINK RELATIVE Pn Qn PDec Qn COLS. (4) (5)	INDEX: 47-49=100		L I N E
	Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	COLS. (1) (2)				PRECEDING DECEMBER	CURRENT MONTH	
							PDec 47-49=100 ECONOMIST'S OFFICE (7)	Pn 47-49=100 COLS. (6) x (7) (8)	
1		2.62							1
2		3.48							2
3		4.00							3
4		4.75							4
5		3.75							5
6				524.8	526.4	99.70*			6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20
21									21
22									22
23									23
24									24
25									25
26									26
27									27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Jun 1958

DIES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 \quad = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo</u>	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BCM			
23		"Halopont" Blue BYM			
24		"Halopont" Blue RYM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red GED Powder			
32		"Lithosol" Red GSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Portacyl" Blue Black SAW			
37		"Portacyl" Blue Black SX			
38		"Portacyl" Fast Black BEO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINE RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	PDec	Pn PDec	Pn Qn	PDec Qn	Pn Qn PDec Qn	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		.96							1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37							6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36	1.37	1.47	93.25	7.0	8.2				36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Jun 1958

DYES: Page 2 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo (Continued)</u>	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BE			
10		"Pontamine" Deep Blue BECF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Pontamine" Black B			
27	<u>Total Azo</u>				
28	<u>Basic</u>	Da Pont. pyramine			1
29		Da Pont. Auramine SP			1
30		Da Pont. Crystal Violet Extra Pure APN			
31		Da Pont. Crystal Violet N			
32		Da Pont. Fast Blue R			
33		Da Pont. Quinoline Yellow			
34		Da Pont. Quinoline Yellow PN			
35		Da Pont. Quinoline B Extra			
36		Da Pont. Quinoline BM			
37		Da Pont. Quinoline 5GDN Extra			
38		Da Pont. Quinoline 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100	Pn 47-49=100	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	2.61							1
	2	1.94							2
	3	1.33							3
	4	1.33							4
	5	1.33							5
	6	3.22							6
	7	1.58							7
	8	1.58							8
	9	.93							9
	10	.93							10
	11	.93							11
	12	2.86							12
	13	3.59							13
	14	5.02							14
	15	2.88							15
	16	2.15							16
	17	3.12							17
	18	2.41							18
	19	3.66							19
	20	2.73							20
	21	2.12							21
	22	2.58							22
	23	1.53							23
	24	1.40							24
	25	3.66							25
	26	1.33							26
	27			47.3	47.9	99.86 *			27
WJ	28	2.55	2.64	32.7	33.9				28
WJ	29	2.55	2.64	7.0	7.2				29
	30		2.75	124.4	130.5				30
	31		2.15	9.2	10.1				31
	32		2.15	3.0	3.3				32
	33		4.15						33
	34		3.65						34
	35		4.76						35
	36		4.76						36
	37		6.13						37
	38		6.13						38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF June 1958

DYES: Page 3 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Basic (Continued)</u>	BA Pant. S. Franine T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Eosinyl" Green NV Extra			
9		"Eosinyl" Fast Yellow 4GL			
10		"Eosinyl" Fast Yellow RL			
11		"Eosinyl" Yellow CH			
12		"Eosinyl" Yellow CHP			
13		"Seymour" Brilliant Red B			
14		"Seymour" Brilliant Red 4G			
15		"Seymour" Yellow L			
16		"Seymour" Yellow R			
17	Total Basic				
18	<u>Indigo</u>	Indigo PLN Paste			
19	<u>"Monastral"</u>	"Monastral" Brilliant Blue B			
20		"Monastral" Fast Blue NBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue EB Supra Powder			
23		"Monastral" Fast Blue EB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT DEPARTMENT OFFICE	CURRENT QUANTITY AT DEPARTMENT OFFICE	TOTAL DIV. AND DEPT. CALCULATION				L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	LINK RELATIVE			INDEX: 47-49=100				
						PRECEDING DECEMBER	CURRENT MONTH			
L I N E	Pn OPERATING DEPARTMENT (1)	pDec OPERATING DEPARTMENT (2)	$\frac{Pn}{pDec}$ COLS. (1) (2) (3)	Qn COLS. (1) (3) (5)	$\frac{Pn Qn}{pDec Qn}$ COLS. (4) (5) (6)	$\frac{Pn Qn}{pDec Qn}$ COLS. (4) (5) (6)	PDec 47-49=100 ECONOMIST'S OFFICE (7)	Pn 47-49=100 COLS. (6) x (7) (8)	L I N E	
1		4.11							1	
2	2.95	3.25	90.77	2.0					2	
3		5.70							3	
4		4.06							4	
5		3.61							5	
6		4.20							6	
7		4.20							7	
8		3.15							8	
9		1.82							9	
10		2.00							10	
11		3.11							11	
12		2.49							12	
13		3.00							13	
14		3.60							14	
15		3.70							15	
16		4.20							16	
17									17	
18	.310	.315	98.41	2.0	95.01 *	98.41 *			18	
19		8.00							19	
20		5.06							20	
21		1.65							21	
22		3.06							22	
23		3.06							23	
24		2.94							24	
25		2.94							25	
26		.60							26	
27		2.94							27	
28		2.94							28	
29		.60							29	
30		3.11							30	
31		1.52							31	
32		3.36							32	
33		3.36							33	
34		3.36							34	
35		.69							35	
36		.69							36	
37		1.69							37	
38		3.36							38	

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Jan 1958

DYES: Page 4 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:

$$P_n \quad 47-49=100 = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Super White BP			
5		Du Pont Super White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FPD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfur Black" Carbon 4GCF Grains			
16		"Sulfur Black" Carbon 8GCF Grains			
17		"Sulfur Black" Carbon HCF Grains			
18		"Sulfur Black" Carbon MCF Grains			
19		"Sulfur Black" Carbon MCFP Grains			
20		"Sulfur Black" Carbon 4RP			
21		"Sulfur Black" Carbon Supra CF Grains			
22		"Sulfur Black" Carbon T			
23		"Sulfur Black" Carbon R Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	"Sulfur Miscellaneous" Yellow GX			
26		"Sulfur Miscellaneous" Orange 6RN			
27		"Sulfur Miscellaneous" Yellow BBL			
28		"Sulfur Miscellaneous" Yellow 62RX			
29		"Sulfur Miscellaneous" Yellow RPE			
30		"Sulfur Miscellaneous" Yellow S3G			
31		"Sulfur Miscellaneous" Yellow SXG			
32		"Sulfur Miscellaneous" Yellow SXP			
33		"Sulfur Miscellaneous" Yellow SXP Conc.			
34		"Sulfur Miscellaneous" Blue GR Paste			
35		"Sulfur Miscellaneous" Blue RHCF			
36		"Sulfur Miscellaneous" Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY CURRENT PRICE (NUMBER)	CURRENT QUANTITY AT PRECEDING PRICE (NUMBER)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	LINK RELATIVE			INDEX: 47-49=100			
P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	$\frac{P_n Q_n}{P_{Dec} Q_n}$			PRECEDING DECEMBER	CURRENT MONTH		
OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET ON SALES TAX	COLS. (4) (5)	P _{Dec} 47-49=100 ECONOMIST'S OFFICE	P _n 47-49=100 COLS. (6) x (7)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1	3.36							1	
2	2.35							2	
3					*			3	
4	.80							4	
5	.80							5	
6	.80							6	
7	.80							7	
8	1.76							8	
9					*			9	
10	2.64							10	
11	1.38							11	
12	1.91							12	
13	2.67							13	
14					*			14	
15	.47							15	
16	.38							16	
17	.38							17	
18	.38							18	
19	.38							19	
20	.53							20	
21	.47							21	
22	.38							22	
23	.30							23	
24					*			24	
25	1.31							25	
26	.98							26	
27	1.69							27	
28	1.50							28	
29	1.29							29	
30	.93							30	
31	1.44							31	
32	1.29							32	
33	2.15							33	
34	.76							34	
35	.81							35	
36	1.43							36	
37					*			37	
38								38	

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Jun 1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostein N			
4		2,4-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" BW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KRO Base			
9		"Iatyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid FBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Fontamine" Developer TN Crystals			
25	Total Textile & Pigment Intermediates				
26	<u>Vets</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Iatyl" Blue 4R			
31		"Iatyl" Brilliant Blue BG			
32		"Iatyl" Cerise B			
33		"Iatyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION		
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100	
						PRECEDING DECEMBER	CURRENT MONTH
LINE	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1		1.14					
2		.79					
3		4.47					
4		4.73					
5		1.00	125.00	111	0.9		
6		1.50	117.33	-			
7		2.00					
8		1.45					
9		.53					
10		9.12					
11		.80					
12		.80					
13		1.04					
14		1.31					
15		.86					
16		1.63					
17		.96					
18		1.43					
19		1.59					
20		1.59					
21		1.59					
22		1.43					
23		1.45					
24		1.00	110.00	3.1	2.8		
25				94.8	94.3	100.53	
26		3.78					
27		3.78					
28		5.11					
29		2.15					
30		2.04					
31		7.67					
32		5.03	95.43	29.7	31.1		
33		2.18					
34	2.50	2.77	90.25	8.1	9.0		
35		3.29					
36		2.61					
37		1.22					
38		1.16					

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Jun 1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats (Continued)</u>	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	pDec	$\frac{P_n}{pDec}$	Pn Qn	pDec Qn	$\frac{P_n Q_n}{pDec Q_n}$	P Dec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	1.57							1
	2	2.92							2
	3	2.92							3
	4	3.22							4
	5	1.46							5
	6	2.61							6
	7	3.09							7
	8	3.42							8
	9	4.57							9
	10	2.54							10
	11	2.21							11
	12	2.28							12
	13	2.17							13
	14	2.87							14
	15	1.53							15
	16	1.53							16
	17	1.96							17
	18	1.53							18
	19	1.65							19
	20	2.63							20
	21	2.95							21
	22	2.01							22
	23	1.20							23
	24	1.55							24
	25	1.55							25
	26	1.55							26
	27	1.85							27
	28	2.25							28
	29	2.25							29
	30	2.55							30
	31	2.84							31
	32	3.14							32
	33	1.87							33
	34	1.87							34
	35	4.28							35
	36	3.00							36
	37	4.06							37
	38	2.89							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Jun 1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GKK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100	Pn 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		2.62							1
2		3.48							2
3		4.00							3
4		4.75							4
5		3.75							5
6				688.6	690.9	99.67*			6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20
21									21
22									22
23									23
24									24
25									25
26									26
27									27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue BXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Latyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		.96							1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37							6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36	average 1.47	1.47	96.60	1.7	1.8				36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF May 1958

DYES: Page 2 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo (Continued)</u>	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHCF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BKN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	<u>Total Azo</u>				
28	<u>Basic</u>	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		2.61							1
2		1.94							2
3		1.33							3
4		1.33							4
5		1.33							5
6		3.22							6
7		1.58							7
8		1.58							8
9		.93							9
10		.93							10
11		.93							11
12		2.86							12
13		3.59							13
14		5.02							14
15		2.88							15
16		2.15							16
17		3.12							17
18		2.41							18
19		3.66							19
20		2.73							20
21		2.12							21
22		2.58							22
23		1.53							23
24		1.40							24
25		3.66							25
26		1.33							26
27				342.3	342.4	99.97*			27
28		2.64							28
29		2.64							29
30		2.75	80.00	58.0	72.5				30
31		2.15	90.70	10.5	11.6				31
32	1295	2.15	90.70	2.4	2.6				32
33		4.15							33
34		3.65							34
35		4.76							35
36		4.76							36
37		6.13							37
38		6.13							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF May 1958

DYES: Page 3 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranin T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue B0			
7		Du Pont Victoria Pure Blue B0C			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow 4GL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red 4G			
15		"Sevron" Yellow I			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PLN Paste			
19	"Monastral"	"Luxene" Brilliant Blue B			
20		"Luxol" Fast Blue MBN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFF Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	$\frac{Pn}{47-49=100}$	$\frac{Pn}{47-49=100}$	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		4.11						--	1
2	3.132	3.25	96.31	0.8	0.8				2
3		5.70							3
4		4.06							4
5		3.61							5
6		4.20							6
7		4.20							7
8		3.15							8
9		1.82							9
10		2.00							10
11		3.11							11
12		2.49							12
13		3.00							13
14		3.60							14
15		3.70							15
16		4.20							16
17				441.6	457.4	96.55 *			17
18		.315					*		18
19		8.00							19
20		5.06							20
21		1.65							21
22		3.06							22
23		3.06							23
24		2.94							24
25		2.94							25
26		.60							26
27		2.94							27
28		2.94							28
29		.60							29
30		3.11							30
31		1.52							31
32		3.36							32
33		3.36							33
34		3.36							34
35		.69							35
36		.69							36
37		1.69							37
38		3.36							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF May 1958

DYES: Page 4 of 7 Pages
**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
 USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MGCF Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RFE			
30		"Pontamine" Yellow S3G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
						PRECEDING DECEMBER	CURRENT MONTH	
	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	$\frac{P Dec}{47-49=100}$	$\frac{Pn}{47-49=100}$
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) COLS. (2)	129 SHEET OR SALES TAB.	COLS. (4) COLS. (3)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
L I N E								

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF May 1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \substack{P_{Dec} \\ 47-49=100}$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		24-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BG			
32		"Latyl" Cerise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
							PRECEDING DECEMBER	CURRENT MONTH	
	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.74							1
2		.79							2
3		4.47							3
4		4.73							4
5		1.00	125.00	1.5	1.2				5
6		1.50	117.32	—					6
7		2.00							7
8		1.45							8
9		.53							9
10		9.12							10
11		.80							11
12		.80							12
13		1.04							13
14		1.31							14
15		.86							15
16		1.63							16
17		.96							17
18		1.43							18
19		1.59							19
20		1.59							20
21		1.59							21
22		1.43							22
23		1.45							23
24		1.00	110.00	5.2	4.7				24
25				79.1	78.3	106.2*			25
26		3.78							26
27		3.78							27
28		5.11							28
29		2.15							29
30		2.04							30
31		7.67							31
32		5.03	95.43	12.2	12.8				32
33		2.18							33
34		2.77							34
35		3.29							35
36		2.61							36
37		1.22							37
38		1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF May 1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats</u> (Continued)	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
						PRECEDING DECEMBER	CURRENT MONTH	
P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	
OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7) (8)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1	1.57							
2	2.92							
3	2.92							
4	3.22							
5	1.46							
6	2.61							
7	3.09							
8	3.42							
9	4.57							
10	2.54							
11	2.21							
12	2.28							
13	2.17							
14	2.87							
15	1.53							
16	1.53							
17	1.96							
18	1.53							
19	1.65							
20	2.63							
21	2.95							
22	2.01							
23	1.20							
24	1.55							
25	1.55							
26	1.55							
27	1.85							
28	2.25							
29	2.25							
30	2.55							
31	2.84							
32	3.14							
33	1.87							
34	1.87							
35	4.28							
36	3.00							
37	4.06							
38	2.89							

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF May 1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats</u> (Continued)	"Ponsol" Yellow GGL Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	<u>Total Vats</u>				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	LINK RELATIVE			INDEX: 47-49=100				
						PRECEDING DECEMBER	CURRENT MONTH			
L I N E	P _n	p _{Dec}	$\frac{P_n}{p_{Dec}}$	P _n Q _n	p _{Dec} Q _n	$\frac{P_n Q_n}{p_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	L I N E	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
	1	2.62							1	
	2	3.48							2	
	3	4.00							3	
	4	4.75							4	
	5	3.75							5	
	6			544.4	545.0	99.89 *			6	
	7								7	
	8								8	
	9								9	
	10								10	
	11								11	
	12								12	
	13								13	
	14								14	
	15								15	
	16								16	
	17								17	
	18								18	
	19								19	
	20								20	
	21								21	
	22								22	
	23								23	
	24								24	
	25								25	
	26								26	
	27								27	
	28								28	
	29								29	
	30								30	
	31								31	
	32								32	
	33								33	
	34								34	
	35								35	
	36								36	
	37								37	
	38								38	

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF APR 1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue EXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RW			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	P_n	p_{Dec}	$\frac{P_n}{p_{Dec}}$	$P_n Q_n$	$p_{Dec} Q_n$	$\frac{P_n Q_n}{p_{Dec} Q_n}$	P_{Dec} 47-49=100	P_n 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	.96							1
	2	3.14							2
	3	2.99							3
	4	4.05							4
	5	.43							5
	6	1.37							6
	7	3.12							7
	8	2.21							8
	9	1.16							9
	10	2.08							10
	11	1.40							11
	12	.93							12
	13	1.30							13
	14	1.50							14
	15	2.01							15
	16	1.25							16
	17	1.29							17
	18	.94							18
	19	1.69							19
	20	1.59							20
	21	1.39							21
	22	1.53							22
	23	1.53							23
	24	1.53							24
	25	1.89							25
	26	1.53							26
	27	1.53							27
	28	1.35							28
	29	1.24							29
	30	.55							30
	31	1.31							31
	32	.60							32
	33	1.07							33
	34	1.95							34
	35	1.95							35
	36	1.47							36
	37	1.37							37
	38	1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 2 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo (Continued)	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHC Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black I Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	Total Azo				
28	Basic	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow FN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	P Dec 47-49=100	Pn 47-49=100	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	2.61							1
	2	1.94							2
	3	1.33							3
	4	1.33							4
	5	1.33							5
	6	3.22							6
	7	1.58							7
	8	1.58							8
	9	.93							9
	10	.93							10
	11	.93							11
	12	2.86							12
	13	3.59							13
	14	5.02							14
	15	2.88							15
	16	2.15							16
	17	3.12							17
	18	2.41							18
	19	3.66							19
	20	2.73							20
	21	2.12							21
	22	2.58							22
	23	1.53							23
	24	1.40							24
	25	3.66							25
	26	1.33							26
	27					*			27
	28	2.64		30.5					28
	29	2.64		6.1					29
	30	2.20	80.00	59.2	74.0				30
	31	1.95	90.70	9.9	10.9				31
	32	2.25*	95.35	1.8	1.9				32
ef	33	4.15		6.5					33
	34	3.65		10.6					34
	35	4.76		10.6					35
	36	4.76		8.4					36
	37	6.13		17.9					37
	38	6.13		21.5					38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 3 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranin T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue B0			
7		Du Pont Victoria Pure Blue B0C			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow 4GL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red 4G			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo FLN Paste			
19	"Monastral"	"Luxane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (6)		COLS. (6) x (7) (8)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		4.11		17.4					1
2		3.25		8.3					2
3		5.70		8.6					3
4		4.06		11.7					4
5		3.61		6.5					5
6		4.20		4.1					6
7		4.20		7.0					7
8		3.15		5.7					8
9		1.82		17.3					9
10		2.00		4.5					10
11		3.11		5.4					11
12		2.49		26.4					12
13		3.00		17.4					13
14		3.60		62.4					14
15		3.70		18.3					15
16		4.20		48.2					16
17				447.1	443.0	96.57 *			17
18		.315					*		18
19		8.00							19
20		5.06							20
21		1.65							21
22		3.06							22
23		3.06							23
24		2.94							24
25		2.94							25
26		.60							26
27		2.94							27
28		2.94							28
29		.60							29
30		3.11							30
31		1.52							31
32		3.36							32
33		3.36							33
34		3.36							34
35		.69							35
36		.69							36
37		1.69							37
38		3.36							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 4 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow EBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow S3G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
						PRECEDING DECEMBER	CURRENT MONTH		
L I N E	P _n OPERATING DEPARTMENT (1)	P _{Dec} OPERATING DEPARTMENT (2)	$\frac{P_n}{P_{Dec}}$ COLS. (1) (2)	P _n Q _n 129 SHEET OR SALES TAB. (4)	P _{Dec} Q _n COLS. (3) (5)	$\frac{P_n Q_n}{P_{Dec} Q_n}$ COLS. (4) (5)	$\frac{P_{Dec}}{47-49=100}$ ECONOMIST'S OFFICE (7)	$\frac{P_n}{47-49=100}$ COLS. (6) x (7) (8)	L I N E
1		3.36							1
2		2.35							2
3						*			3
4		.80							4
5		.80							5
6		.80							6
7		.80							7
8		1.76							8
9						*			9
10		2.64							10
11		1.38							11
12		1.91							12
13		2.67							13
14						*			14
15		.47							15
16		.38							16
17		.38							17
18		.38							18
19		.38							19
20		.53							20
21		.47							21
22		.38							22
23		.30							23
24						*			24
25		1.31							25
26		.98							26
27		1.69							27
28		1.50							28
29		1.29							29
30		.93							30
31		1.44							31
32		1.29							32
33		2.15							33
34		.76							34
35		.81							35
36		1.43							36
37						*			37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Textile & Pigment Intermediates	"Acetamine" Developer AD Extra			
2		P-Chlorosniline Tech D			
3		Chlorostain N			
4		24-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MRP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	Total Textile & Pigment Intermediates				
26	Vats	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BG			
32		"Latyl" Cerise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		L I N E
	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PRECEDING DECEMBER	CURRENT MONTH	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.14		3.4					1
2		.79		-					2
3		4.41		9.7					3
4		4.73		-					4
5	1.25	1.00	125.00	4.7	3.8				5
6	1.76	1.50	117.33	-					6
7		2.00		19.0					7
8		1.45		22.1					8
9		.53		1.0					9
10		9.12		6.2					10
11		.80		.6					11
12		.80		-					12
13		1.04		10.3					13
14		1.31		8.8					14
15		.86		5.7					15
16		1.63		1.0					16
17		.96		-					17
18		1.43		3.3					18
19		1.59		2.4					19
20		1.59		-					20
21		1.59		1.7					21
22		1.43		3.0					22
23		1.45		-					23
24	1.10	1.00	110.00	6.6	6.0				24
25				109.3	107.8	101.39*			25
26		3.78		9.9					26
27		3.78		35.2					27
28		5.11		7.5					28
29		2.15		3.4					29
30		2.04		11.4					30
31		7.67		39.4					31
32	4.80	5.03	95.43	29.8	31.2				32
33		2.18		12.6					33
34		2.77		11.2					34
35		3.29		5.5					35
36		2.61		-					36
37		1.22		-					37
38		1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF 1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats (Continued)</u>	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PG Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100	Pn 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
L	1								L
I	1								I
N	1								N
E	1								E
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	21								
	22								
	23								
	24								
	25								
	26								
	27								
	28								
	29								
	30								
	31								
	32								
	33								
	34								
	35								
	36								
	37								
	38								

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 \quad = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GGK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn \cdot Qn}{PDec \cdot Qn}$	PDec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		2.62		12.4					1
2		3.48		49.2					2
3		4.00		19.9					3
4		4.75		18.3					4
5		3.75		8.1					5
6				691.6	693.0	99.80 *			6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20
21									21
22									22
23									23
24									24
25									25
26									26
27									27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Mar 1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo</u>	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue EXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2BM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	PDec	Pn PDec	Pn Qn	PDec Qn	Pn Qn PDec Qn	P Dec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		.96							1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37							6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36		1.47							36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Mar 1958

DYES: Page 2 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Azo (Continued)</u>	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BHC Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristen" Black B			
27	Total Azo				
28	<u>Basic</u>	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			<i>APN</i>
31		Du Pont Crystal Violet N			<i>21</i>
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)		COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		2.61							1
2		1.94							2
3		1.33							3
4		1.33							4
5		1.33							5
6		3.22							6
7		1.58							7
8		1.58							8
9		.93							9
10		.93							10
11		.93							11
12		2.86							12
13		3.59							13
14		5.02							14
15		2.88							15
16		2.15							16
17		3.12							17
18		2.41							18
19		3.66							19
20		2.73							20
21		2.12							21
22		2.58							22
23		1.53							23
24		1.40							24
25		3.66							25
26		1.33							26
27							*		27
28		2.64		23.7					28
29		2.64		5.9					29
30	2.475	2.75	90.00	66.5	73.9				30
31	2.05	2.15	95.35	1.9	2.0				31
32		2.15		4.6					32
33		4.15		9.3					33
34		3.65		7.9					34
35		4.76		18.7					35
36		4.76		6.7					36
37		6.13		11.6					37
38		6.13		13.3					38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Mar 1958

DYES: Page 3 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranine T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue B0			
7		Du Pont Victoria Pure Blue B0C			
8		"Pontacyl" Green NV Extra			
9		"Pontamine" Fast Yellow 4GL			
10		"Pontamine" Fast Yellow RL			
11		"Pontamine" Yellow CH			
12		"Pontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red 4G			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PIN Paste			
19	"Monastral"	"Lusane" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFP Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	129 SHEET OR SALES TAB.	COLS. (3)	LINK RELATIVE	INDEX: 47-49=100		L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (2)			COLS. (5)	PRECEDING DECEMBER	CURRENT MONTH	
	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100 ECONOMIST'S OFFICE	P _n 47-49=100 COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		4.11		13.1					1
2		3.25		6.5					2
3		5.70		13.1					3
4		4.06		10.1					4
5		3.61		6.9					5
6		4.20		10.7					6
7		4.20		4.6					7
8		3.15		5.1					8
9		1.82		29.3					9
10		2.00		6.1					10
11		3.11		6.1					11
12		2.49		42.3					12
13		3.00		12.1					13
14		3.60		44.7					14
15		3.70		9.3					15
16		4.20		40.2					16
17				430.5	438.0	98.29 *			17
18		.315					*		18
19		8.00							19
20		5.06							20
21		1.65							21
22		3.06							22
23		3.06							23
24		2.94							24
25		2.94							25
26		.60							26
27		2.94							27
28		2.94							28
29		.60							29
30		3.11							30
31		1.52							31
32		3.36							32
33		3.36							33
34		3.36							34
35		.69							35
36		.69							36
37		1.69							37
38		3.36							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Mar 1958

DYES: Page 4 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 \quad = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise 8GL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RP			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow 83G			
31		"Pontamine" Yellow 5YG			
32		"Pontamine" Yellow 5YP			
33		"Pontamine" Yellow 5YP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100 ECONOMIST'S OFFICE	P _n 47-49=100	
L I N E	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (4)		COLS. (6) x (7) (8)	L I N E
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		3.36							1
2		2.35							2
3						*			3
4		.80							4
5		.80							5
6		.80							6
7		.80							7
8		1.76							8
9						*			9
10		2.64							10
11		1.38							11
12		1.91							12
13		2.67							13
14						*			14
15		.47							15
16		.38							16
17		.38							17
18		.38							18
19		.38							19
20		.53							20
21		.47							21
22		.38							22
23		.30							23
24						*			24
25		1.31							25
26		.98							26
27		1.69							27
28		1.50							28
29		1.29							29
30		.93							30
31		1.44							31
32		1.29							32
33		2.15							33
34		.76							34
35		.81							35
36		1.43							36
37						*			37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Mar 1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Textile & Pigment Intermediates</u>	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		24-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Latyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid REA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoanisole Tech.			
24		"Pontamine" Developer TN Crystals			
25	<u>Total Textile & Pigment Intermediates</u>				
26	<u>Vats</u>	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Latyl" Blue 4R			
31		"Latyl" Brilliant Blue BQ			
32		"Latyl" Cerise B			
33		"Latyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

L I N E	QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100			
							PRECEDING DECEMBER	CURRENT MONTH		
	P_n	P_{Dec}	$\frac{P_n}{P_{Dec}}$	$P_n Q_n$	$P_{Dec} Q_n$	$\frac{P_n Q_n}{P_{Dec} Q_n}$	$P_{Dec} 47-49=100$	$P_n 47-49=100$		
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1		1.14								1
2		.79								2
3		4.41								3
4		4.73								4
5		1.00								5
6		1.50								6
7		2.00								7
8		1.45								8
9		.53								9
10		9.12								10
11		.80								11
12		.80								12
13		1.04								13
14		1.31								14
15		.86								15
16		1.63								16
17		.96								17
18		1.43								18
19		1.59								19
20		1.59								20
21		1.59								21
22		1.43								22
23		1.45								23
24		1.00								24
25						*				25
26		3.78		-						26
27		3.78		21.1						27
28		5.11		.8						28
29		2.15		2.4						29
30		2.04		13.7						30
31		7.67		50.4						31
32	4.80	5.03	95.43	44.3	46.4					32
33		2.18		17.0						33
34		2.77		2.3						34
35		3.29		8.2						35
36		2.61		1.3						36
37		1.22		8.4						37
38		1.16		-						38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Mar 1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats</u> (Continued)	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	P _n	p _{Dec}	$\frac{P_n}{p_{Dec}}$	P _n Q _n	p _{Dec} Q _n	$\frac{P_n Q_n}{p_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		1.57		2.6					1
2		2.92		3.1					2
3		2.92		34.8					3
4		3.22		3.7					4
5		1.46		26.6					5
6		2.61		3.1					6
7		3.09		1.7					7
8		3.42		3.8					8
9		4.57		17.5					9
10		2.54		15.1					10
11		2.21		17.6					11
12		2.28		12.3					12
13		2.17		5.8					13
14		2.87		24.8					14
15		1.53		5.1					15
16		1.53		10.8					16
17		1.96		2.2					17
18		1.53		-					18
19		1.65		6.8					19
20		2.63		3.3					20
21		2.95		23.0					21
22		2.07		10.8					22
23		1.20		4.7					23
24		1.55		.8					24
25		1.55		21.4					25
26		1.55		16.5					26
27		1.85		4.4					27
28		2.25		12.9					28
29		2.25		.2					29
30		2.55		11.3					30
31		2.84		7.6					31
32		3.14		4.4					32
33		1.87		8.0					33
34		1.87		1.9					34
35		4.28		10.0					35
36		3.00		16.0					36
37		4.06		17.9					37
38		2.89		-					38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF Mar 1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 \quad = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Fonsol" Yellow GQK Paste			
2		"Fonsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange I			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE				LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	P Dec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7)	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		2.62		10.5					
2		3.48		54.1					
3		4.00		17.2					
4		4.75		15.8					
5		3.75		7.8					
6				682.1	684.2	99.69 *			
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF January 1958

DYES: Page 1 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

*No Dye Price Changes
in January
February*

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo	"Acetamine" Diazo Black BGD			
2		"Acetamine" Fast Yellow 4RL			
3		"Capracyl" Yellow NW			
4		"Chromacyl" Blue GG			
5		"Diagen" Red YN Solution			
6		Du Pont Basic Brown BR			
7		Du Pont Brilliant Crocein FL			
8		Du Pont Brilliant Paper Yellow			
9		Du Pont Congo Red			
10		Du Pont Crocein Scarlet N			
11		Du Pont Fiber Black VF			
12		Du Pont Leather Diazo Black BHAK			
13		Du Pont Metanil Yellow Conc.			
14		Du Pont Metanil Yellow WS			
15		Du Pont Milling Red SWB			
16		Du Pont Oil Orange			
17		Du Pont Orange G			
18		Du Pont Orange RO			
19		Du Pont Purpurine 4B			
20		Du Pont Resorcin Brown 5G			
21		Du Pont Resorcin Brown 3R			
22		"Halopont" Blue BGM			
23		"Halopont" Blue BXM			
24		"Halopont" Blue RNM			
25		"Halopont" Brilliant Blue 2RN			
26		"Halopont" Pink 2EM			
27		"Halopont" Violet NM			
28		"Iatyl" Diazo Black B			
29		"Lithosol" Fast Yellow 3GD Paste			
30		"Lithosol" Fast Yellow HV Paste			
31		"Lithosol" Red 2BD Powder			
32		"Lithosol" Red CSP Paste			
33		"Pontachrome" Blue Black RM			
34		"Pontachrome" Brown G			
35		"Pontachrome" Brown RH			
36		"Pontacyl" Blue Black SAW			
37		"Pontacyl" Blue Black SX			
38		"Pontacyl" Fast Black BBO			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			L I N E
L I N E	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	Pn Qn 129 SHEET OR SALES TAB. COLS. (4) (3)	PDec Qn COLS. (4) (3)	LINK RELATIVE Pn Qn PDec Qn COLS. (5) (5)	INDEX: 47-49=100		
	Pn OPERATING DEPARTMENT (1)	PDec OPERATING DEPARTMENT (2)	Pn PDec COLS. (1) (2)				PRECEDING DECEMBER	CURRENT MONTH	
							PDec 47-49=100 ECONOMIST'S OFFICE	Pn 47-49=100 COLS. (6) x (7) (8)	
1		.96							1
2		3.14							2
3		2.99							3
4		4.05							4
5		.43							5
6		1.37							6
7		3.12							7
8		2.21							8
9		1.16							9
10		2.08							10
11		1.40							11
12		.93							12
13		1.30							13
14		1.50							14
15		2.01							15
16		1.25							16
17		1.29							17
18		.94							18
19		1.69							19
20		1.59							20
21		1.39							21
22		1.53							22
23		1.53							23
24		1.53							24
25		1.89							25
26		1.53							26
27		1.53							27
28		1.35							28
29		1.24							29
30		.55							30
31		1.31							31
32		.60							32
33		1.07							33
34		1.95							34
35		1.95							35
36		1.47							36
37		1.37							37
38		1.63							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 2 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Azo (Continued)	"Pontacyl" Fast Black N2B			
2		"Pontacyl" Fast Blue 5R			
3		"Pontamine" Black E Double			
4		"Pontamine" Black ES Double			
5		"Pontamine" Black ULR			
6		"Pontamine" Brown BT			
7		"Pontamine" Brown NCF			
8		"Pontamine" Brown N3G Conc. 250%			
9		"Pontamine" Deep Blue BH			
10		"Pontamine" Deep Blue BECF Conc.			
11		"Pontamine" Diazo Black BHSW Conc.			
12		"Pontamine" Diazo Blue BR			
13		"Pontamine" Diazo Brown R			
14		"Pontamine" Diazo Green BL			
15		"Pontamine" Diazo Orange WD			
16		"Pontamine" Fast Black FF			
17		"Pontamine" Fast Black L Conc.			
18		"Pontamine" Fast Orange EGL			
19		"Pontamine" Fast Orange WS			
20		"Pontamine" Fast Red 8BLX			
21		"Pontamine" Fast Scarlet 4BA			
22		"Pontamine" Fast Scarlet 4BS			
23		"Pontamine" Green BXN			
24		"Pontamine" Orange R			
25		"Pontamine" Sky Blue 6BX			
26		"Seristan" Black B			
27	Total Azo				
28	Basic	Du Pont Auramine			
29		Du Pont Auramine SP			
30		Du Pont Crystal Violet Extra Pure APN			
31		Du Pont Crystal Violet N			
32		Du Pont Paper Blue R			
33		Du Pont Quinoline Yellow			
34		Du Pont Quinoline Yellow PN			
35		Du Pont Rhodamine B Extra			
36		Du Pont Rhodamine BM			
37		Du Pont Rhodamine 5GDN Extra			
38		Du Pont Rhodamine 6GDN Extra			

QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DEV. AND DEPT. CALCULATION			
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
						PRECEDING DECEMBER	CURRENT MONTH	
	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	$\frac{P Dec}{47-49=100}$	$\frac{Pn}{47-49=100}$
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) COLS. (2)	129 SHEET OR SALES TAB.	COLS. (4) COLS. (3)	COLS. (4) COLS. (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
L I N E								
	1	2.61						
	2	1.94						
	3	1.33						
	4	1.33						
	5	1.33						
	6	3.22						
	7	1.58						
	8	1.58						
	9	.93						
	10	.93						
	11	.93						
	12	2.86						
	13	3.59						
	14	5.02						
	15	2.88						
	16	2.15						
	17	3.12						
	18	2.41						
	19	3.66						
	20	2.73						
	21	2.12						
	22	2.58						
	23	1.53						
	24	1.40						
	25	3.66						
	26	1.33						
	27					*		
	28	2.64						
	29	2.64						
	30	2.75						
	31	2.15						
	32	2.15						
	33	4.15						
	34	3.65						
	35	4.76						
	36	4.76						
	37	6.13						
	38	6.13						
L I N E								

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 3 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n \substack{47-49=100} = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \substack{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Basic (Continued)	Du Pont Safranine T Extra			
2		Du Pont Spirit Black No. 3			
3		Du Pont Thioflavine TCN			
4		Du Pont Victoria Blue B Base			
5		Du Pont Victoria Blue B			
6		Du Pont Victoria Pure Blue BO			
7		Du Pont Victoria Pure Blue BOC			
8		"Fontacyl" Green NV Extra			
9		"Fontamine" Fast Yellow 4GL			
10		"Fontamine" Fast Yellow RL			
11		"Fontamine" Yellow CH			
12		"Fontamine" Yellow CHP			
13		"Sevron" Brilliant Red B			
14		"Sevron" Brilliant Red 4G			
15		"Sevron" Yellow L			
16		"Sevron" Yellow R			
17	Total Basic				
18	Indigo	Du Pont Indigo PLW Paste			
19	"Monastral"	"Luxene" Brilliant Blue B			
20		"Luxol" Fast Blue MBSN			
21		"Monastral" Fast Blue B Crude (Type 2)			
22		"Monastral" Fast Blue BB Supra Powder			
23		"Monastral" Fast Blue BB Supra Press Cake			
24		"Monastral" Fast Blue BC Powder			
25		"Monastral" Fast Blue BCFN Press Cake			
26		"Monastral" Fast Blue BFR Paste			
27		"Monastral" Fast Blue BNC Powder			
28		"Monastral" Fast Blue BNC Press Cake			
29		"Monastral" Fast Blue BNC Pulp			
30		"Monastral" Fast Blue BNF Press Cake			
31		"Monastral" Fast Blue BWD			
32		"Monastral" Fast Green G Powder			
33		"Monastral" Fast Green G Press Cake			
34		"Monastral" Fast Green GB Press Cake			
35		"Monastral" Fast Green GF Paste			
36		"Monastral" Fast Green GFF Paste			
37		"Monastral" Fast Green GWD			
38		"Monastral" Fast Green GX Powder			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION				L I N E
CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE	LINK RELATIVE			INDEX: 47-49=100				
						PRECEDING DECEMBER	CURRENT MONTH			
L I N E	P _n	P _{Dec}	$\frac{P_n}{P_{Dec}}$	P _n Q _n	P _{Dec} Q _n	$\frac{P_n Q_n}{P_{Dec} Q_n}$	P _{Dec} 47-49=100	P _n 47-49=100	L I N E	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
	1	4.11							1	
	2	3.25							2	
	3	5.70							3	
	4	4.06							4	
	5	3.61							5	
	6	4.20							6	
	7	4.20							7	
	8	3.15							8	
	9	1.82							9	
	10	2.00							10	
	11	3.11							11	
	12	2.49							12	
	13	3.00							13	
	14	3.60							14	
	15	3.70							15	
	16	4.20							16	
	17						*		17	
	18	3.15					*		18	
	19	8.00							19	
	20	5.06							20	
	21	1.65							21	
	22	3.06							22	
	23	3.06							23	
	24	2.94							24	
	25	2.94							25	
	26	.60							26	
	27	2.94							27	
	28	2.94							28	
	29	.60							29	
	30	3.11							30	
	31	1.52							31	
	32	3.36							32	
	33	3.36							33	
	34	3.36							34	
	35	.69							35	
	36	.69							36	
	37	1.69							37	
	38	3.36							38	

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 4 of 7 Pages

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	"Monastral" (Continued)	"Monastral" Fast Green GX Press Cake			
2		"Pontamine" Fast Turquoise BGL			
3	Total "Monastral"				
4	"Pontamine" White	Du Pont Paper White BP			
5		Du Pont Paper White BP Solution			
6		"Pontamine" White BT			
7		"Pontamine" White BT Solution			
8		"Pontamine" White 2GT			
9	Total "Pontamine" White				
10	"Sulfanthrene"	"Sulfanthrene" Black PG Double Paste			
11		"Sulfanthrene" Blue 2B Double Paste			
12		"Sulfanthrene" Pink FFD Paste			
13		"Sulfanthrene" Scarlet GX Paste			
14	Total "Sulfanthrene"				
15	Sulfur Black	"Sulfogene" Carbon 4GCF Grains			
16		"Sulfogene" Carbon 8GCF Grains			
17		"Sulfogene" Carbon HCF Grains			
18		"Sulfogene" Carbon MCF Grains			
19		"Sulfogene" Carbon MCFP Grains			
20		"Sulfogene" Carbon 4RF			
21		"Sulfogene" Carbon Supra CF Grains			
22		"Sulfogene" Carbon T			
23		"Sulfogene" Gray H Grains			
24	Total Sulfur Black				
25	Sulfur Miscellaneous	Du Pont Stilbene Yellow GX			
26		"Pontamine" Fast Orange 6RN			
27		"Pontamine" Fast Yellow BBL			
28		"Pontamine" Fast Yellow 62RX			
29		"Pontamine" Yellow RPE			
30		"Pontamine" Yellow S3G			
31		"Pontamine" Yellow SXG			
32		"Pontamine" Yellow SXP			
33		"Pontamine" Yellow SXP Conc.			
34		"Sulfanthrene" Blue GR Paste			
35		"Sulfogene" Brown RNCF			
36		"Sulfogene" Navy Blue 4RCF			
37	Total Sulfur Miscellaneous				
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100	Pn 47-49=100	
L I N E	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (5) (4)	ECONOMIST'S OFFICE	COLS. (6) x (7)	L I N E
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		3.36							1
2		2.35							2
3						*			3
4		.80							4
5		.80							5
6		.80							6
7		.80							7
8		1.76							8
9						*			9
10		2.64							10
11		1.38							11
12		1.91							12
13		2.67							13
14						*			14
15		.47							15
16		.38							16
17		.38							17
18		.38							18
19		.38							19
20		.53							20
21		.47							21
22		.38							22
23		.30							23
24						*			24
25		1.31							25
26		.98							26
27		1.69							27
28		1.50							28
29		1.29							29
30		.93							30
31		1.44							31
32		1.29							32
33		2.15							33
34		.76							34
35		.81							35
36		1.43							36
37						*			37
38									38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 5 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times \frac{P_{Dec}}{47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Textile & Pigment Intermediates	"Acetamine" Developer AD Extra			
2		P-Chloroaniline Tech D			
3		Chlorostain N			
4		24-Dihydroxyquinoline Tech.			
5		Du Pont "Naphthanil" AS			
6		Du Pont "Naphthanil" SW			
7		Du Pont "Naphthanil" Blue B Base			
8		Du Pont "Naphthanil" Red KBO Base			
9		"Letyl" Developer B Solution			
10		"Lithosol" Acid BON (For Lakes)			
11		"Lithosol" Acid PCO			
12		"Lithosol" Acid PCO-P			
13		"Lithosol" Acid RBA			
14		"Lithosol" Acid R-2B			
15		"Lithosol" Acid VT			
16		"Lithosol" Orange R Base			
17		"Lithosol" Red 2B Acid			
18		"Lithosol" Scarlet Base M			
19		"Lithosol" Scarlet Base MB			
20		"Lithosol" Scarlet Base MBP			
21		"Lithosol" Scarlet Base MBW			
22		"Lithosol" Scarlet Base MW			
23		4-Nitro - 2 - Aminoaniline Tech.			
24		"Pontamine" Developer TN Crystals			
25	Total Textile & Pigment Intermediates				
26	Vats	Du Pont Anthraquinone Blue BN			
27		Du Pont Anthraquinone Blue BP			
28		Du Pont Anthraquinone Milling Blue BL			
29		Du Pont Indigotine			
30		"Letyl" Blue 4R			
31		"Letyl" Brilliant Blue BG			
32		"Letyl" Cerise B			
33		"Letyl" Violet BN			
34		"Leucosol" Black G Double Paste			
35		"Leucosol" Black N Double Paste			
36		"Leucosol" Blue G Double Paste			
37		"Lithosol" Blue GL Paste			
38		"Lithosol" Blue GLP Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
							PRECEDING DECEMBER	CURRENT MONTH	
L I N E	Pn	PDec	$\frac{Pn}{PDec}$	Pn Qn	PDec Qn	$\frac{Pn Qn}{PDec Qn}$	PDec 47-49=100	Pn 47-49=100	L I N E
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1	1.14							1
	2	.79							2
	3	4.41							3
	4	4.73							4
	5	1.00							5
	6	1.50							6
	7	2.00							7
	8	1.45							8
	9	.53							9
	10	9.12							10
	11	.80							11
	12	.80							12
	13	1.04							13
	14	1.31							14
	15	.86							15
	16	1.63							16
	17	.96							17
	18	1.43							18
	19	1.59							19
	20	1.59							20
	21	1.59							21
	22	1.43							22
	23	1.45							23
	24	1.00							24
	25						*		25
	26	3.78							26
	27	3.78							27
	28	5.11							28
	29	2.15							29
	30	2.04							30
	31	7.67							31
	32	5.03							32
	33	2.18							33
	34	2.77							34
	35	3.29							35
	36	2.61							36
	37	1.22							37
	38	1.16							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 6 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec}$$

47-49=100 47-49=100

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	<u>Vats (Continued)</u>	"Ponsol" Black BN Double Paste			
2		"Ponsol" Blue BCS Double Paste			
3		"Ponsol" Blue BF Double Paste			
4		"Ponsol" Blue BFD Double Powder			
5		"Ponsol" Blue BFD Paste			
6		"Ponsol" Blue GD Double Paste			
7		"Ponsol" Brilliant Violet 4RN Paste			
8		"Ponsol" Brown AG Double Paste			
9		"Ponsol" Brown ARN Double Paste			
10		"Ponsol" Brown RBT Paste			
11		"Ponsol" Brown VR Paste			
12		"Ponsol" Dark Blue BR Paste			
13		"Ponsol" Dark Blue 2G Paste			
14		"Ponsol" Direct Black 3G Double Paste			
15		"Ponsol" Direct Black M Double Paste			
16		"Ponsol" Direct Black PC Double Paste			
17		"Ponsol" Direct Black RDS Paste			
18		"Ponsol" Direct Black WC Double Paste			
19		"Ponsol" Flavone GCN Paste			
20		"Ponsol" Golden Orange 3G Paste			
21		"Ponsol" Golden Orange RRT Paste			
22		"Ponsol" Gray R Paste			
23		"Ponsol" Green 2BL Paste			
24		"Ponsol" Jade Green Double Paste for Printing			
25		"Ponsol" Jade Green Double Paste for Dyeing			
26		"Ponsol" Jade Green Supra Double Paste			
27		"Ponsol" Jade Green Supra D Double Powder			
28		"Ponsol" Khaki 2G Double Paste			
29		"Ponsol" Khaki 2GR Double Paste			
30		"Ponsol" Navy Blue RA Double Paste			
31		"Ponsol" Olive AR Double Paste			
32		"Ponsol" Olive ARD Double Powder			
33		"Ponsol" Olive T Paste			
34		"Ponsol" Olive TR Paste			
35		"Ponsol" Red FG Paste			
36		"Ponsol" Red Brown RB Paste			
37		"Ponsol" Violet BN Supra Double Paste			
38		"Ponsol" Yellow AR Double Paste			

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
CURRENT MONTH		PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
Pn		pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec.Qn	$\frac{Pn Qn}{pDec Qn}$	P Dec 47-49=100	Pe 47-49=100	
OPERATING DEPARTMENT		OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
L I N E									L I N E
	1	1.57							1
	2	2.92							2
	3	2.92							3
	4	3.22							4
	5	1.46							5
	6	2.61							6
	7	3.09							7
	8	3.42							8
	9	4.57							9
	10	2.54							10
	11	2.21							11
	12	2.28							12
	13	2.17							13
	14	2.87							14
	15	1.53							15
	16	1.53							16
	17	1.96							17
	18	1.53							18
	19	1.65							19
	20	2.63							20
	21	2.95							21
	22	2.01							22
	23	1.20							23
	24	1.55							24
	25	1.55							25
	26	1.55							26
	27	1.85							27
	28	2.25							28
	29	2.25							29
	30	2.55							30
	31	2.84							31
	32	3.14							32
	33	1.87							33
	34	1.87							34
	35	4.28							35
	36	3.00							36
	37	4.06							37
	38	2.89							38

ORGANIC CHEMICALS

DEPARTMENT

MONTH OF

1958

DYES: Page 7 of 7 Pages

**MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES
USING THE FORMULA:**

$$P_n \quad 47-49=100 \quad = \frac{\sum P_n Q_n}{\sum P_{Dec} Q_n} \times P_{Dec} \quad 47-49=100$$

L I N E	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	Vats (Continued)	"Ponsol" Yellow GKK Paste			
2		"Ponsol" Yellow 5GLL Paste			
3		"Sevron" Blue B			
4		"Sevron" Blue 2G			
5		"Sevron" Orange L			
6	Total Vats				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

QUOTED PRICE OF SAMPLE ITEM				CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			
	CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47-49=100		
	Pn	pDec	$\frac{Pn}{pDec}$	Pn Qn	pDec Qn	$\frac{Pn Qn}{pDec Qn}$	P Dec 47-49=100	Pn 47-49=100	
	OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1) (2)	129 SHEET OR SALES TAB.	COLS. (4) (3)	COLS. (4) (5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1		2.62							1
2		3.48							2
3		4.00							3
4		4.75							4
5		3.75							5
6							*		6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20
21									21
22									22
23									23
24									24
25									25
26									26
27									27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38