

UNION CARBIDE CORPORATION
Solvents & Intermediates

RECEIVED

WV-0033 #3
1. V.E. - ~~MAF~~ ~~MAF~~
2. C. ~~Carman~~ ~~MAF~~ - RFP
Texas City Plant

JUN 30 1982

SAFETY DEPT.

RECEIVED
JUL 02 1982
R. E. PEELE

TO: J. E. Neff, B 740/4 511

DATE: May 19, 1982

CC: J. H. Barrett - Clear Lake
J. B. Leverton
A. P. Yalcinkaya

SUBJECT: Product List - Produced
Products

FROM: J. H. Holstein

At your request I have prepared an alphabetical list and a list by UCC Divisions of most of the products we sell. The Threshold Limit Value [Ceiling (Ceil), Time Weighted Average (TWA), and Short Term Exposure Limit (STEL)], UCC and NIOSH Sampling and Analytical Method Number, and method classification are also indicated. The purpose of the survey is to determine our capability to monitor personnel exposure to the products we manufacture, to determine the chemicals for which NIOSH has developed a sampling and analytical procedure and we have not, and to compare the classification (Quality) of the UCC methods to the NIOSH methods.

We are currently up-dating the product list (products produced and purchased) at Texas City. Our incomplete purchased chemical list indicates that we are purchasing 153 chemicals of which 69 have established TLV's. My purpose in pointing this out is to give you some idea of the amount of work that is required in this area also.

The list contains a number of products for which I was unable to determine the actual chemical composition with the information available and within the allotted time. The list was prepared on the Wang Word Processor which will facilitate any changes.

WP2198A/clf

UCC 000454

CHEMICAL DIV	DIV	CELL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
Acrolein	CM	N	0.1	0.3	N	118 211	Tentative Tentative
Acrylic Acid	CM	N	UCC 2	N	38C-3F1-R2	Unclassified	N
Acetic Acid	CM	N	10	15	38C-3A2-B2c	Accepted	S-169 Validated
Acetic Anhydride	CM	5	N	N	38C-15A2-R2a	Accepted	S-170 Validated
Butyl Acrylate	CM	N	10	N	38C-2C1-R2	Unclassified	N
Butylphenol, UCAR (para-tert)	CM	N	N	N	38C-86A11	Accepted	N
CARBITRON Admixture 20	CM	N	N	N	N	N	N
CELLOSIZ HEC (all Grades)	CM	N	Dust 10mg/M ³	N	38C-10X2-R2.4	Unclassified	29CFS Unclassified
CELLOSOLVE Silicates	CM	N	N	N	N	N	N
Ethyl Acetate	CM	N	400	N	N	S-49	Validated
Ethyl Acrylate	CM	N	S-5	S-25	38C-2C1.2-R2	Unclassified	S-35 Validated
2-Ethylhexyl Acrylate	CM	N	UCC 5	UCC 10	38C-2C1-R2.1	Accepted	N
Ethyl Silicates	CM	N	10	30	N	S-264	Validated
Formaldehyde	CM	N	2	N	38C-4A1-R2	Tentative	S-327 Validated
Formic Acid	CM	N	5	N	N	N	S-173 Validated
Hexamethylenetetramine	CM	N	N	N	N	N	N

1 None

2 Skin (TLV column)

CHEMICAL DIV	DIV	CEIL	TLV		STEL	METHOD		
			TWA	M		UCC	NO	NIOSH
						CLASS	CLASS	CLASS
Isobutyl Acrylate	CM	N	N	N	N	38C-2C1-R2.1 Accepted	N	N
Isopropyl CELLOSOLVE	CM	N	N	N	N	N	N	N
Methacrylic Acid	CM	N	20	N	N	N	N	N
Methyl Formate	CM	N	100	150	N	N	S-291	Validated
Methyl Methacrylate	CM	N	100	125	38C-2C1-R2.1 Accepted	N	S-43	Validated
Phenolic Resins	CM							
Tetraethyl-o-silicate	CM	N	N	N	N	N	N	N
UCAR Buffering Acid	CM							
UCAR Butyl Pheno	CM	N	N	N	N	N	N	N
UCAR Hexa	CM							
UCAR Latexes	CM							
Adhesive								
150								
151								
152								
153								
A-Asphyxiant								
P-Particulate								

CHEMICAL DIV	DIV	CELL	TLV TWA	STEL	METHOD		
					UCC	NO	NIOSH CLASS
UCAR Latexes DM (cont)							
							154
							165
							166
							172
							173
							183
							189
							872
Latexes							130
							131
							134
							167
							350
							351
							365
							366
							380
							503
						508	
						560	
Mastic & Caulk							5000
							153
							154
							163
							351
						560	
Textil Coating & Binders							
							803
							812
							822
							828
							872
							874
							878
							879

CHEMICAL DIV	DIV	TLV		STEL	METHOD		CLASS
		CEIL	TWA		UCC	NO	
UCAR Latexes CM (cont)							
Vehicles							
4029							
4151							
4270							
4312							
4341							
4358							
4362							
4414							
4426							
4431-X							
4433							
4510							
4512							
4550							
4620							
4630-X							
UCAR Pickling Acid	CM						
Vinyl Acetate	CM	N	10	20	38C-2A2.40-R2.1	Unclassified 278	Proposed

CHEMICAL DIV	DIV	CETL	TLV TWA	STEL	METHOD		
					NO	UCC CLASS	NIOSH NO CLASS
Acetylene	E&HC	N	A	N	N	N	N
Benzene	E&HC	N	10	25	38C-BIAI-R2.1 38C-BIAI-R2.2	Approved Unclassified	127 S-311 Recommended Validated
Butadiene	E&HC	N	1000	1250	N	N	S-91 Validated
Butane	E&HC	N	800	N	N	N	N
Coke	E&HC	N	Dust 10 mg/m ³	N	38C-10X2-R2.4	Unclassified	29CFS Unclassified
Di-isoprene	E&HC	N	10	25	38C-BIAI-R2.1	Approved	S-311 Validated
Benzene	35%	U	U	U	N	N	N
Cq and Heavies	5.0%	N	5	N	38C-M185-R2	Accepted	N
Dicyclopentadiene	15.0%	N	100	125	N	N	S-29 Validated
Ethylbenzene	0.6%	U	U	U	N	N	N
Raffinate	29.0%	N	50	100	38C-B1C1-R2	Unclassified	S-30 Validated
Styrene	3.5%	N	S-100	S-150	38C-10S-R2	Unclassified	S-343 Validated
Toluene	7.3%	N	S-100	S-150	38C-10S-R2	Unclassified	S-318 Validated
Xylene	1.0%	N	Asphyxiant	N	N	N	N
Ethylene	E&HC	N	S-200	S-250	N	N	247 S-59 Proposed Validated
Methanol	E&HC	N	300	375	N	N	S-28 Validated
Naphtha	E&HC	N	400	500	N	N	S-89 Validated
Cyclohexane	1.0%	N	100	125	N	N	S-90 Validated
n-Heptane	8.0%	N	400	500	N	N	S-94 Validated
n-Hexane	13.0%	N	200	250	N	N	N
Methylcyclohexane	2.0%	N	300	375	N	N	S-378 Validated
n-Nonane	2.0%	N	600	750	N	N	S-379 Validated
n-Octane	5.0%	N	S-100	S-150	38C-10S-R2	Unclassified	S-343 Validated
n-Pentane	10.0%	N	S-100	S-150	N	N	S-318 Validated
Toluene	1.7%	N					
Xylene	1.3%	N					

CHEMICAL DIV	DIV	ZETL	TLV		STEL	METHOD			CLASS
			TWA	NO		UCC	NO	NTOSH	
Alcohols, Secondary	EOD								
Alkybenzenes	EOD								
N-(2-Aminoethyl)ethanolamine	EOD	N	N	N	N	N	N	N	N
N-Aminoethylpiperazine	EOD	N	N	N	N	N	N	N	N
Butoxytriethylglycol	EOD	N	N	N	N	N	N	N	N
Butyl Carbitol	EOD	N	N	N	N	N	N	N	N
Butyl Cellosolve	EOD	N	S-25	S-50	38C-1184-R2	Unclassified	S-76	Validated	
CARBITOL SOLVENT (PM-600)	EOD	N	N	N	N	N	N	N	N
CARBITOL Low Gravity	70.50%	Vapor 50	Part	Part	38C-11A1-R2	Unclassified	338	Proposed	
Ethylene Glycol	29.50%		10 mg/m ³	20 mg/m ³	38C-70M6-R2a	Unclassified			
CARBITOL Solvent Low Gravity	EOD	N	N	N	N	N	N	N	N
CARBONAX Methoxy PEG's (MPEG)	EOD	N	N	N	N	N	N	N	N
CARBONAX PEG Liquid/Solids	EOD	N	N	N	N	N	N	N	N
CARBONAX TPEG 990	EOD	N	N	N	N	N	N	N	N
Catalyst Code Products	EOD								

CHEMICAL DIV	DIV	CETL	TLV		STEEL	METHOD		
			TWA	NO		UCC	NO	NIOSH
						CLASS		CLASS
CELLOSOLVE Solvent	EOD	N	S-50	S-100	38C-7046-R2a	Unclassified	S-361	Validated
Diethanolamine	EOD	N	3	N	N	N	N	N
Diethylenetriamine	EOD	N	S-1	S4	N	N	S-276	Validated
Diisopropylamine	EOD	N	S-5	N	N	N	221 S-141	Proposed Validated
DIAL-400	EOD	N	N	N	N	N	N	N
Dustik B	EOD							
Ethanolamine	EOD	N	3	6	N	N	270	Proposed
Ethoxytriethylglycol	EOD	N	N	N	N	N	N	N
Ethylamine	EOD	N	10	N	38C-7A2-R2	Unclassified	221	Proposed
Ethylenediamine	EOD	N	10	N	38C-18A1-R2.1	Unclassified	S-276	Validated
Ethylene Dichloride	EOD	N	UCC 5	N	38C-10S-R2	Unclassified	S-122	Validated
FLEXOL Plasticizer B-400	EOD	N	N	N	N	N	N	N
FLUID AP	EOD	N	N	N	N	N	N	N
Isopropylamine	EOD	N	5	10	N	N	221 S-147	Proposed Validated
Linear Alcohols	EOD	N	N	N	N	N	N	N
Methoxytriethylglycol	EOD	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD		
			TWA	NO		UCC	NO	NIOSH
						CLASS		CLASS
Methyl CARBITOL	E00	N	N	N	N	N	N	N
Methyl CELLOSOLVE	E00	N	S-25	S-35	38C-11B1-R2	Tentative	S-79	Validated
Monoethanolamine	E00	N	3	6	N	N	270	Proposed
Monoethylamine	E00	N	10	N	38C-7A2-R2	Unclassified	N	N
Monoisopropylamine	E00	N	N	N	N	N	N	N
Pentaethylenhexamine (Polyamine D)	E00	N	N	N	N	N	N	N
Phenyl Alkane F	E00							
Piperazine	E00	N	N	N	N	N	N	N
Polyamine D	E00	N	N	N	N	N	N	N
Polyamine HPA No 2 Mixture, (PM-1076) Polyamine HPA No 2 Diethylenetriamine	E00	N	N	N	N	N	N	N
Polyamine HPA #2	E00	N	N	N	N	N	N	N
SOLVENT WC-65	E00							
SOLVENT WC-133	E00							
SOLVENT WC-322	E00							

CHEMICAL DIV	DIV	OEL	TLV		STEL	METHOD		NIOSH	
			TWA	NO		UCC	NO	NO	CLASS
TERGITOL Nonionic Min-Foams	EOD								
MinFoam 1X		N	N	N	N	N	N	N	N
MinFoam 2X		N	N	N	N	N	N	N	N
TERGITOL Nonionic Surfactants	EOD								
15-S-3		N	N	N	N	N	N	N	N
15-S-5		N	N	N	N	N	N	N	N
15-S-7		N	N	N	N	N	N	N	N
15-S-9		N	N	N	N	N	N	N	N
15-S-12		N	N	N	N	N	N	N	N
15-S-15		N	N	N	N	N	N	N	N
15-S-20		N	N	N	N	N	N	N	N
15-S-30		N	N	N	N	N	N	N	N
15-S-40		N	N	N	N	N	N	N	N
25-L-3		N	N	N	N	N	N	N	N
25-L-5		N	N	N	N	N	N	N	N
25-L-7		N	N	N	N	N	N	N	N
25-L-9		N	N	N	N	N	N	N	N
25-L-12		N	N	N	N	N	N	N	N
NP-4		N	N	N	N	N	N	N	N
NP-7		N	N	N	N	N	N	N	N
NP-9		N	N	N	N	N	N	N	N
NP-10		N	N	N	N	N	N	N	N
NP-13		N	N	N	N	N	N	N	N
NP-40		N	N	N	N	N	N	N	N
OP-15		N	N	N	N	N	N	N	N
TMN-3		N	N	N	N	N	N	N	N
TMN-6		N	N	N	N	N	N	N	N
TMN-10		N	N	N	N	N	N	N	N
XD		N	N	N	N	N	N	N	N
XH		N	N	N	N	N	N	N	N
Tetraethylenepentamine	EOD	N	N	N	N	N	N	N	N
Triethanolamine	EOD	N	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	CEIL	TLV		STEL	METHOD		
			TWA	MA		UCC	NIOSH	
						NO	CLASS	NO
								CLASS
Allyl Methacrylate	SCP	N	N	N	N	N	N	N
AMIDEL	SCP							
ARDEL (Polyarylates)	SCP	N	N	N	N	N	N	N
AQUAR	SCP							
BAKELITE EPOXY RESINS (PERACID DERIVED)	SCP							
ADME-X-790A		N	N	N	N	N	N	N
AOE C-16		N	N	N	N	N	N	N
Caprolactone		N	N	N	N	N	N	N
Cyclohexanone		N	25	100	N	N	S-19	Validated
ERL-4205								
ERL-4206								
ERL-4221								
ERL-4234								
ERL-4299								
FLEXOL PLASTICIZER EP-8		N	N	N	N	N	N	N
FLEXOL PLASTICIZER EPO		N	N	N	N	N	N	N
FLEXOL PLASTICIZER LOE		N	N	N	N	N	N	N
N, N-Bis (3-Aminopropyl) methylamine	SCP	N	N	N	N	N	N	N
1-(Butoxyethoxy)-2-Propanol	SCP	N	N	N	N	N	N	N
t-Butylethanolamine	SCP	N	N	N	N	N	N	N
t-Butyldiethanolamine	SCP	N	N	N	N	N	N	N
Caprolactone	SCP	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	TLV			METHOD		
		CEIL	TWA	STEL	UCC		NIOSH
					NO	CLASS	
epsilon-Caprolactone	SCP	N	N	N	N	N	N
CARBOWAX MPEG-550 Acrylate	SCP	N	N	N	N	N	N
CELLOSOLVE Acrylate	SCP	N	N	N	N	N	N
Cyclohexanone	SCP	N	25	100	N	N	S-19 Validated
Dibutyl CARBITOL	SCP	N	N	N	N	N	N
Dichlorodiphenyl Sulfone	SCP	N	N	N	N	N	N
DIENE-205 [Bis (Cyclopentenyl) ether]	SCP	N	N	N	38C-M185-R2	Accepted	N
DIENE-221	SCP						
DIENE-234	SCP						
DIENE-299	SCP						
2-(N,N-Diethylamino) ethyl Acrylate	SCP	N	N	N	N	N	N
Diethyl Carbitol	SCP	N	N	N	N	N	N
N,N-Diethylethanolamine	SCP	N	N	N	N	N	N
Di(2-ethylhexyl) Phosphoric Acid	SCP	N	N	N	N	N	N
Dimethylaminoethoxyethanol	SCP	N	N	N	N	N	N
Dimethylaminoethoxyethyl Acrylate	SCP	N	N	N	N	N	N
2-Dimethylaminopropylamine	SCP	N	N	N	N	N	N

CHEMICAL DIV	DIV	TLV			METHOD		
		CEIL	TWA	STEL	UCC	NIOSH	CLASS
					NO	NO	
N,N-Dimethylethanolamine	SCP	N	N	N	N	N	N
Dimethylisopropanolamine	SCP	N	N	N	N	N	N
2,3-Dimethylpentanaldehyde	SCP	N	N	N	N	N	N
Dioxane	SCP	N	25	UCC 50	38C-105-R2	Unclassified S-360	Validated
Dipropylene Glycol	SCP	N	N	N	N	N	N
EPOXIDIZED Oils FLEXOL Plasticizer EP-8 FLEXOL Plasticizer EPO FLEXOL Plasticizer LOE	SCP	N	N	N	N	N	N
Ester Diol 204	SCP						
Ethylbenzene	SCP	N	100	125	N	S-29	Validated
Ethyl Butyl Ketone	SCP	N	50	75	N	S-16	Validated
Ethylene Glycol Dimethacrylate	SCP	N	N	N	N	N	N
2-Ethyl-1,3-hexanediol	SCP	N	N	N	N	N	N
2-Ethylhexyl CELLOSOLVE	SCP	N	N	N	N	N	N
FLEXOL Plasticizer FP-8	SCP	N	N	N	N	N	N
FLEXOL Plasticizer EPO	SCP	N	N	N	N	N	N
FLEXOL Plasticizer LOE	SCP	N	N	N	N	N	N
FLEXOL Plasticizer TOF	SCP	N	N	N	N	N	N
Glutaraldehyde	SCP	0.2	N	N	38C-405-R2a	Unclassified N	N

CHEMICAL	DIV	TLV			METHOD		
		CEIL	TWA	STEL	UCC	NO	NTOSH
					CLASS	NO	CLASS
Glutaric Anhydride	SCP	N	N	N			
Hexyl CARBITOL	SCP	N	N	N	N	N	N
Hexyl CELLOSOLVE	SCP	N	N	N	N	N	N
Isopropenyl Acetate (Methyl Vinyl Acetate)	SCP	N	N	N	N	N	N
KROMFAX Solvent (Thiodiethylene Glycol)	SCP	N	N	N	N	N	N
2-Methoxy-3,4-Dihydro-2-Pyran	SCP	N	N	N	N	N	N
N-Methyldiethanolamine	SCP	N	N	N	N	N	N
N-Methylethanolamine	SCP	N	N	N	N	N	N
Methyl Isopropyl Ketone	SCP	N	200	N	N	N	N
2-Methylpentaldehyde	SCP	N	N	N	N	N	N
Methyl Propyl Ketone	SCP	N	200	250	N	N	N
MORLEX Corrosion Inhibitors	SCP						
1,5-Pentanediol	SCP	N	N	N	N	N	N
2,4-Pentanedione	SCP	N	N	N	N	N	N
Peracetic Acid	SCP	N	N	N	N	N	N
Polyglycolamine H-163	SCP						

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD		NO	CLASS	NO	CLASS
			TWA	THA		UCC	NIOSH				
Polyglycolidamines	SCP										
Polymer JR	SCP	N	N		N	N		N	N		N
POLYOX	SCP	N	N		N	N		N	N		N
Polysulfone	SCP	N	N		N	N		N	N		N
PROPASOL Solvents PROPASOL Solvent B	SCP										
PROPASOL Solvent BEP											
PROPASOL Solvent DM											
PROPASOL Solvents SCP (cont)											
PROPASOL Solvent M											
PROPASOL Solvent P											
Propiophenone	SCP	N	N		N	N		N	N		N

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD		
			TWA	NO		UCC	NO	NIOSH
						CLASS		CLASS
Propylene Glycol	SCP	N	N	N	N	N	N	N
n-Propyldiethanolamine	SCP	N	N	N	N	N	N	N
n-Propylethanolamine	SCP	N	N	N	N	N	N	N
RADEL	SCP	N	N	N	N	N	N	N
Rapid Water Additive	SCP							
Resin Hardeners	SCP							
ZZL-0806 (Diethylenetriamine)		N	S-1	S-4	N	N	S-276	Validated
ZZL-0809 (Diethylenetriamine)		N	S-	S-4	N	N	S-276	Validated
ZZL-0822 (Polyglycoldiamine H-221)		N	N	N	N	N	N	N
ZZL-0840 (Triethylenetetramine)		N	N	N	N	N	N	N
ZZL-0806 (Tetraethylenepentamine)		N	N	N	N	N	N	N
SALVATONE M	SCP							
Tetradecano	SCP	N	N	N	N	N	N	N
Tetrahydrobenaldehyde	SCP	N	N	N	N	N	N	N
Tripropylene Glycol	SCP	N	N	N	N	N	N	N
UCAR Flood Freeze 35	SCP							

CHEMICAL DIV	DIV	CELL	TLV	STEL	METHOD			NIOSH
					UCC	CLASS	NO	
UCARSAN Sanitizers	SCP							
UCARSAN Sanitizer 402, PM-5910								
Water, Demineralized								
UCARCIDE 250 (Glutaraldehyde 50%)		0.2	N	N	38C-4Q5-R2a	Unclassified	N	N
TERGITOL 15-S-9		N	N	N	N	N	N	N
Perfume Compound 46616		N	N	N	N	N	N	N
UCARSAN Sanitizer 420, PM-5911								
Water, Demineralized								
UCARCIDE 250 (Glutaraldehyde 50%)		0.2	N	N	38C-4Q5-R2a	Unclassified	N	N
TERGITOL 15-S-9		N	N	N	N	N	N	N
Perfume Compound 46616		N	N	N	N	N	N	N
UCAR Tanning Agent G-50	SCP							
See Glutaraldehyde								
UCAR Windshield Deicer	SCP							
UCARCIDE Antimicrobials 125LT, PM-5922	SCP							
UCARCIDE 250 (Glutaraldehyde 50%)		0.2	N	N	38C-4Q5-R2a	Unclassified	N	N
Acetone		N	1000	1250	38C-5A1-R2	Unclassified S-1	N	Validated
Water, Demineralized		N	N	N	N	N	N	N
EDTA-tet Sodium Salt		N	N	N	N	N	N	N
UCON Polysulfone	SCP							
Vinyl Methyl Ether	SCP	N	N	N	N	N	N	N
WINTER-FLO Coal Aids	SCP							
73, PM-5895								
Winter-Flo Coal Aid 103								
See 103, PM-5882 below								
Water, Demineralized								

CHEMICAL	DIV	CONC	TLV	STEL	METHOD			
					UCC	CLASS	NO	NIOSH
WINTER-FLO Coal Aids SCP (cont)								
93, PM-5969		76.51%						
Winter-Flo Coal Aid 103								
See 103, PM-5882 below								
Diethylene Glycol	N	15.302%	N	N	N	N	N	N
Water, Demineralized		8.187%						
101, PM-5855								
Diethylene Glycol	N	64.9%	N	N	N	N	N	N
Propasol Solvent DM	U	20.0%	U	U	U	U	U	U
TERGITOL 15-5-7	N	10.0%	N	N	N	N	N	N
Water, Demineralized		5.0%						
Triethanolamine, 99%	N	0.1%	N	N	N	N	N	N
102, PM-5868								
Diethylene Glycol	N	49.9%	N	N	N	N	N	N
Propylene Glycol, USP	N	45.0%	N	N	N	N	N	N
Water, Demineralized	N	5.0%	N	N	N	N	N	N
Triethanolamine, 99%	N	0.1%	N	N	N	N	N	N
103, PM-5882								
Ethylene Glycol	Vapor 50	86.4%	Part 10	Part 20	38C-70M6-R2	Unclassified	338	Proposed
Cellulosolve Solvent	N	8.6%	S-50	S-100	38C-70M6-R2	Unclassified	S-361	Validated
Water, Demineralized		4.9%						
Dimethylethanolamine	N		N	N	N	N	N	N
220, PM-5918								
Kerosene	N	70.0%	N	N	N	N	N	N
TERGITOL 15-5-3	N	20.0%	N	N	N	N	N	N
Cellulosolve Solvent	N	10.0%	S-50	S-100	38C-70M6-R2	Unclassified	S-361	Validated

CHEMICAL DIV	DIV	CEIL	TLV		STEL	METHOD		
			TWA	NO		CLASS	UCC	NO
Aircraft Deicing Fluids								
ADF-2-40-D								
UCAR-ADF-2, PM-5178	EOG	42.75%						
PM5178 is: PM-5234		99.998%						
Dye, Orasol Red G		0.001%	N	N	N	N	N	N
Dye, Uranine, Conc		0.001%	N	N	N	N	N	N
PM-5234 is: Ethylene Glycol		80.954%	Vapor 50					Proposed
Diethylene Glycol		10.000%	N		P20mg/M3	38C-70M6-R2a	338	%
Water, Demineralized		7.85%			N	N	N	%
Potassium Phosphate, Dib		0.50%	N		N	N	N	N
Tolyltriazole		0.50%	N		N	N	N	N
Sodium Di-2-Hexylsulfosuc		0.13%	N		N	N	N	N
Potassium Hydroxide	0.063	2 mg/m3						
Dye, Orasol Red G	0.001%	N		N	N	N	N	
Dye, Uranine Conc	0.001%	N		N	N	N	N	
ADF-2-50-D, PM-5196	EOG	52.798%						
PM-5234 (See above)		47.200%						
Water, Demineralized		0.001%	N		N	N	N	N
Dye, Orasol Red G		0.001%	N		N	N	N	N
Dye, Uranine Conc		0.001%	N		N	N	N	N
UCAR ADF-2, PM-5234								
See above								
UCAR ADF-2-D, PM-5178								
See above								
Deactivator A								
Deicing Fluid C								
Diethylene Glycol								
Ethylene Glycol	EOG	N	N	N	N	N	N	N
	EOG	Vapor 50	Part 10 mg/M3	Part 20 mg/m3	38C-11A1-R2	Unclassified	338	Proposed
					38C-70M6-R2a	Unclassified		

CHEMICAL DIV	DIV	DETL	TLV		STEL	METHOD				
			TWA	UCC		NO	CLASS	NO	NIOSH	CLASS
Ethylene Oxide	EOG	N	UCC 5	N	38C-K2B-R2.2b	Approved	S-286	Validated		
Tetraethylene Glycol	EOG	N	N	N	N	N	N	N		
Triethylene Glycol	EOG	N	N	N	N	N	N	N		
UCAR Runway Deicers	EOG									
UCAR Runway Deicer, PM-5197		Vapor 50	Part 10	Part 20	38C-70M6-R2a	Unclassified	338	Proposed		
Ethylene Glycol		N	N	N	N					
Urea, 50% Aqueous		N	N	N	N					
Water, Demineralized		N	N	N	N					
Sodium Flouride		N	N	N	N					
Tolyltriazole TT-100		N	N	N	N					
Dipotassium Hydrogen Phosphate		N	N	N	N					
Dye, Alizarine Astrol B		N	N	N	N					
UCAR Runway Deicer 2, PM-5973		Vapor 50	Part 10	Part 20	38C-70M6-R2a	Unclassified	338	Proposed		
Ethylene Glycol		N	N	N	N					
Urea, 50% Aqueous		N	N	N	N					
Dipotassium Hydrogen Phosphate		N	N	N	N					
Tolyltriazole TT-100		N	N	N	N					
Sodium Flouride		N	N	N	N					
Dye, Alizarine Astrol B		N	N	N	N					
UCAR Runway Deicer 3, PM-5975		Vapor 50	Part 10	Part 20	38C-70M6-R2a	Unclassified	338	Proposed		
Ethylene Glycol		N	N	N	N					
Urea, 50% Aqueous		N	N	N	N					
Water, Demineralized		N	N	N	N					
Dipotassium Hydrogen Phosphate		N	N	N	N					
Tolyltriazole TT-100		N	N	N	N					
Sodium Flouride		N	N	N	N					

CHEMICAL DIV	DIV	TLV		STEL	METHOD		
		CETL	TWA		UCC	NIOSH	
UCAR Runway Deicers EOG (cont)							
UCAR Runway Deicer 4, PM-5977							
Ethylene Glycol	59.98%	Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified 338	Proposed
Urea, 50% Aqueous	30.00%	N	N	N	N	N	N
Water, Demineralized	9.00%	N	N	N	N	N	N
Dipotassium Hydrogen Phosphate	1.00%	N	N	N	N	N	N
Sodium Flouride	0.01%	N	N	N	N	N	N
Dye, Alizarine Astrol B	0.00%	N	N	N	N	N	N
UCAR Thermofluids							
EOG							
UCAR Thermofluid, PM-5961							
Water, Dilonized	67.36%	Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified 338	Proposed
UCAR Thermofluid 17, PM-1717	32.64%	N	N	N	N	N	N
PM-1717 is Ethylene Glycol	94.98%	N	N	N	N	N	N
Water, Demineralized	1.53%	N	N	N	N	N	N
Potassium Hydroxide	1.61%	N	N	N	N	N	N
Boric Acid	1.01%	N	N	N	N	N	N
Phosphoric Acid 75%	0.66%	N	N	N	N	N	N
Sodium Mercaptobenzothiazole	0.21%	N	N	N	N	N	N
50%							
UCAR Thermofluid Spec-4, PM-5821							
Ethylene Glycol	60.00%	Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified 338	Proposed
Water, Demineralized	36.51%	N	N	N	N	N	N
Potassium Hydroxide	1.61%	N	N	N	N	N	N
Boric Acid	1.01%	N	N	N	N	N	N
Phosphoric Acid, 75%	0.66%	N	N	N	N	N	N
Sodium MBT 50% Aqueous	0.21%	N	N	N	N	N	N
UCAR Thermofluid Spec-5, PM-5846							
UCAR Thermofluid 17	67.8%	Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified 338	Proposed
Water, Demineralized	32.2%	N	N	N	N	N	N

CHEMICAL DIV	DIV	CELL	TLV TWA	STEL	METHOD			
					UCC	NO	CLASS	
UCAR Thermofluids EDG (cont)								
UCAR Thermofluid 17, PM-1717	94.98%	Vapor 50	Part 10	Part 20	38C-7DM6-R2a	Unclassified	338	Proposed
Ethylene Glycol	1.5%	2 mg/m ³	N	N	N	N	173	Recommended
Water, Demineralized	1.61%	N	N	N	N	N	N	N
Potassium Hydroxide, Flaked	1.01%	N	1 mg/m ³	3 mg/m ³	N	N	S-333	Validated
Boric Acid	0.66%	N	N	N	N	N	N	N
Phosphoric Acid, 75%	0.21%	N	N	N	N	N	N	N
Sodium MBT, 50%								
UCAR Thermofluid 17 Spec-1, PM-5766								
Water, Demineralized	58.00%							
PM-1717 (See PM-1717 above)	42.00%							
UCAR Thermofluids 17 Spec-2, PM-5767								
Water, Demineralized	52.00%							
PM-1717 (See PM-1717 above)	48.00%							
UCAR Thermofluids 17 Spec-3, PM-5819								
Water, Demineralized	37.00%							
PM-1717 (See PM-1717 above)	62.94%							
UCAR Thermofluids 17 Spec-5, PM-5846								
Water, Demineralized	32.20%							
PM-1717 (See PM-1717 above)	67.80%							
UCAR Thermofluids 17 Spec-6, PM-5849								
Water, Demineralized	42.00%							
PM-1717 (See PM-1717 above)	58.00%							

CHEMICAL DIV	DIV	CELL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	CLASS
Acetaldehyde	S&I	N	100	150	N ¹	S-345	Validated
Acetic Esters	S&I	N	100	150	N	S-51	
Amyl Acetate		N	100	150	N	S-47	
Butyl Acetate		N	150	200	N	N	N
Butyl Carbitol Acetate		N	N	N	N	N	N
Butyl Cellulosolve Acetate		N	N	N	N	N	N
Carbitol Acetate		N	N	N	N	N	N
Cellulosolve Acetate		N	50	100	N	S-41	Validated
Glycerol Triacetate		N	N	N	N	N	N
Glycol Diacetate		N	N	N	N	N	N
Hexylene Glycol Diacetate		N	N	N	N	N	N
Isobutyl Acetate		N	150	187	N	S-44	Validated
Isopropyl Acetate		N	250	310	N	S-50	Validated
Methyl Cellulosolve Acetate		N	S2-25	S-35	N	S-39	Validated
Primary Amyl Acetate, Mixed Isomers		N	N	N	N	N	N
N-Propyl Acetate		N	200	250	N	S-48	Validated
Triethylene Glycol Diacetate		N	N	N	N	N	N
Acetone	S&I	N	1000	1250	38C-SA1-R2 S-1	Unclassified 127	Operational
Acetophenone	S&I	N	N	N	N	N	N
Amyl Acetate	S&I	N	100	150	N	S-51	
Amyl Alcohol, Primary	S&I	N	N	N	N	N	N

CHEMICAL	DIV	OIV	CETC	TLV TWA	STEL	METHOD		
						UCC	CLASS	NTOSH
						NO		NO
ANHYDROL Solvents								
S&I								
ANHYDROL R 200 Proof								
Gov Form A1, PM-1473								
Ethanol SDI, 190 Proof								
SDI is Ethanol	90.40%		N	1000	N	N	Unclassified	S-56 Validated
Methyl Isobutyl Ketone	99.95%		N	50	75	38C-582-R2	N	S-18 Validated
Methanol	0.01%		N	S-200	S-250	N	N	247 Operational
	0.04%							S-59 Validated
Isopropanol	8.70%		N	400	500	N	N	S-49 Validated
Methyl Isobutyl Ketone	0.90%		N	50	75	38C-582-R2	Unclassified	S-18 Validated
ANHYDROL R 200 Proof								
Gov Form A1, PM-1474								
Ethanol SDI, 200 Proof	90.20%		N	1000	N	N	Unclassified	S-56 Validated
SDI is Ethanol	99.95%		N	50	75	38C-582-R2	N	S-18 Validated
Methyl Isobutyl Ketone	0.01%		N	S-200	S-250	N	N	247 Operational
Methanol	0.04%							S-59 Validated
Isopropanol	8.90%		N	400	500	N	N	S-49 Validated
Methyl Isobutyl Ketone	0.90%		N	50	75	38C-582-R2	Unclassified	S-18 Validated
ANHYDROL R 200 Proof								
Gov Form B, PM-1779								
Ethanol SDI, 200 Proof	90.10%		N	1000	N	N	Unclassified	S-56 Validated
SDI is Ethanol	99.95%		N	50	75	38C-582-R2	N	S-18 Validated
Methyl Isobutyl Ketone	0.01%		N	S-200	S-250	N	N	247 Operational
Methanol	0.04%							S-59 Validated
	4.50%		N	S-200	S-250	N	N	247 Operational
Methanol								S-59 Validated
Isopropanol	4.50%		N	400	500	N	N	S-49 Validated
Methyl Isobutyl Ketone	0.90%		N	50	75	38C-582-R2	Unclassified	S-18 Validated

CHEMICAL DIV	DIV	CELL	TLV TWA	STEL	METHOD			NIOSH CLASS
					NO	UCC CLASS	NO	
ANHYDROL Solvents S&I (cont)								
ANHYDROL ^R 190 Proof								
Gov Form B, PM-3560								
Ethanol SDI, 190 Proof			1000	N	N	38C-582-R2	N	S-56
SDI is Ethanol		N	50	75	N	Unclassified	N	S-18
Methyl Isobutyl Ketone		N	S-200	S-250	N	N	N	247
Methanol		N						S-59
								S-49
Isopropanol, 99%		N	400	500	N	N	N	S-18
Methyl Isobutyl Ketone		N	50	75	N	Unclassified	N	S-18
Methanol		N	S-200	S-250	N	N	N	247
								S-59
ANHYDROL ^R METHANOL BLEND, PM-5946								
PM-4082								
See PM-4082 for Composition								
Methanol		N	S-200	S-250	N	N	N	247
								S-49
ANHYDROL ^R SPECIAL 200, PM-3153								
Ethanol SDI, 200 Proof								
SDI is Ethanol		N	1000	N	N	N	N	S-56
Methyl Isobutyl Ketone		N	50	75	N	Unclassified	N	S-18
Methanol		N	S-200	S-250	N	N	N	247
								S-59
Ethyl Acetate 85-88%, PM-3640		N	400	N	N	N	N	S-49
PM-3640 is Ethyl Acetate								
95-98%								
Ethanol SD35A								
200 Proof								
SD35A is Ethanol 100 Parts		N	1000	N	N	N	N	S-56
Ethyl Acetate 4.3 Parts		N	400	N	N	N	N	S-49
Methyl Isobutyl Ketone		N	50	75	N	Unclassified	N	S-18
								Validated

CHEMICAL DIV	DIV	OEL	TLV		STEL	METHOD			NIOSH
			TWA	MA		NO	CLASS	NO	
ANHYDROL Solvents S&I (cont)									
ANHYDROL ^R Special 190 Gov Form AI, PM-4081 Ethanol SD3A, 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	90.35%	N	1000		N	N	N	S-56 247	Validated Operational
		N	S-200		N	N	N	S-59	Validated
Isopropanol 9%	8.76%	N	400		500	N	N	S-49	Validated
Methyl Isobutyl Ketone	0.89%	N	50		75	38C-5B2-R2	Unclassified	S-18	Validated
ANHYDROL ^R Special 190 Gov Form AM, PM-4079 Ethanol SD3A 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts									
	90.28%	N	1000		N	N	N	S-56 247	Validated Operational
		N	S-200		N	N	N	S-59	Validated
Methanol	8.83%	N	S-200		S-250	N	N	247	Operational
Methyl Isobutyl Ketone	0.89%	N	50		75	38C-5B2-R2	Unclassified	S-59 S-18	Validated Validated
ANHYDROL ^R Special 190 Gov Form B, PM-4157 Ethanol SD3A, 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts									
	90.32%	N	100		N	N	N	S-56 247	Validated Operational
		N	S-200		N	N	N	S-59	Validated
Isopropanol 9%	4.38%	N	400		500	N	N	S-49	Validated
Methanol	4.40%	N	S-200		S-250	N	N	247	Operational
Methyl Isobutyl Ketone	0.89%	N	50		75	38C-5B2-R2	Unclassified	S-59 S-18	Validated Validated

CHEMICAL	DIV	CEIL	TLV	STEL	METHOD		
					UCC	NO	NIOSH
			INA		CLASS	NO	CLASS
ANHYDROUS Solvents S&I (cont)							
ANHYDROUS R Special 190							
Gov Form C, PM-4085							
Ethanol SD3A, 190 Proof	93.94%						
SD3A is Ethanol 100 Parts							
Methanol 5 Parts							
Methyl Isobutyl Ketone	0.93%	N	1000	N	N	S-56	Validated
Ethyl Acetate 85-88%, PM-3640	5.13%	N	S-200	S-250	N	247	Operational
PM-3640 is Ethyl Acetate	90.53%					S-59	Validated
95-98%						S-18	Validated
Ethanol SD-35A	9.47%	N	400	N	N	S-49	Validated
SD35A is Ethanol 100 Parts							
Ethyl Acetate 4.3 Parts							
ANHYDROUS R Special 190							
Gov Form DI, PM-4080							
Ethanol SD3A, 190 Proof	86.56%						
SD3A is Ethanol 100 Parts							
Methanol 5 Parts							
Isopropanol 99%	12.59%	N	1000	N	N	S-56	Validated
Methyl Isobutyl Ketone	0.85%	N	S-200	S-25	N	247	Operational
						S-59	Validated
						S-49	Validated
						S-18	Validated
ANHYDROUS R Special 190							
Gov Form DM, PM-4078							
Ethanol SD3A, 190 Proof	86.46%						
SD3A is Ethanol 100 Parts							
Methanol 5 Parts							
Methanol	12.69%	N	1000	N	N	S-56	Validated
						247	Operational
						S-59	Validated
						247	Operational
						S-59	Validated
Methyl Isobutyl Ketone	0.85%	N	S-200	S-250	N	S-49	Validated
						S-18	Validated

CHEMICAL	DIV	CELL	TLV	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	MO	
ANHYDRO SOLVENTS Sol (cont)							
ANHYDRO R Special 200							
Gov Form AI, PM-4082							
Ethanol SD3A, 200 Proof							
SD3A is Ethanol 100 Parts							
Methanol 5 Parts							
Isopropanol 99%							
Methyl Isobutyl Ketone							
8.95%							
0.91%							
ANHYDRO R Special 200							
Gov Form PM-4083							
Ethanol SD3A, 200 Proof							
SD3A is Ethanol 100 Parts							
Methanol 5 Parts							
Methanol							
9.02%							
Methyl Isobutyl Ketone							
0.91%							
ANHYDRO R Special 200							
Gov Form B, PM-4135							
Ethanol SD3A 200 Proof							
SD3A is Ethanol 100 Parts							
Methanol 5 Parts							
Isopropanol 99%							
Methyl Isobutyl Ketone							
4.47%							
0.91%							
4.51%							

CHEMICAL DIV	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	CLASS	NO
ANHYDROL Solvents S&I (cont)							
ANHYDROL R Special 200 Gov Form C, PM-4084 Ethanol SD3A 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	93.71%	N	1000 S-200	N S-250	N N	S-56 247 S-59 S-18	Validated Operational Validated Validated
Methyl Isobutyl Ketone Ethyl Acetate 85-88% PM-3640 PM-3640 is Ethyl Acetate 95-98%	0.95%	N	50	75	38C-582-R2	Unclassified	S-18 Validated
Ethanol SD35A 200 Proof	9.47%	N	400	N	N	N	S-49 Validated
SD-35A is Ethanol 100 Parts Ethyl Acetate 4.3 Parts		N	1000 400	N N	N N	S-56 S-49	Validated Validated
ANHYDROL R Special 200 Gov Form DI, PM-4176 Ethanol SD3A 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	86.27%	N	1000 S-200	N S-250	N N	S-56 247 S-59 S-49	Validated Operational Validated Validated
Isopropanol 99% Methyl Isobutyl Ketone	12.86% 0.87%	N N	400 50	500 75	N 38C-582-R2	N Unclassified	S-49 S-18 Validated
ANHYDROL R Special 200 Gov Form DM, PM-4217 Ethanol SD3A 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	86.18%	N	1000 S-200	N S-250	N N	S-56 247 S-59 S-49	Validated Operational Validated Validated
Methanol	12.95%	N	S-200	S-250	N	N	S-59 Validated
Methyl Isobutyl Ketone	0.87%	N	50	75	38C-582-R2	Unclassified	S-18 Validated

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD		
			TWA	NO		UCC CLASS	NO	NIOSH CLASS
n-Butanol	S&I	S-50	N	N	N	N	S-66	Validated
Butyl Acetate	S&I	N	150	N	200	N	S-46	Validated
Butyl Carbitol Acetate	S&I	N	N	N	N	N	N	N
Butyl Cellosolve Acetate	S&I	N	N	N	N	N	N	N
Butyraldehyde	S&I	N	N	N	N	N	N	N
Bisphenol A	S&I	N	N	N	N	N	N	N
CARBITOL Acetate	S&I	N	N	N	N	N	N	N
CELLOSOLVE Acetate	S&I	N	S-50	N	S-100	N	S-41	Validated
Crotonaldehyde	S&I	N	2	N	6	N	285	Proposed
Cumene	S&I	N	S-50	N	S-75	N	S-23	Validated
Diacetone Alcohol	S&I	N	50	N	75	N	S-55	Validated
Diethyl Sulfate	S&I	N	1	N	N	38C-2Q1.2-R2 Tentative	N	N
Diisobutyl Carbinol	S&I	N	N	N	N	N	N	N
Diisobutyl Ketone	S&I	N	25	N	N	N	S-358	Validated
Ethanol	S&I	N	1000	N	N	N	S-56	Validated
Ethanol CD-19								
Methyl Isobutyl Ketone, 4 gallon		N	50		75	38C-5B2-R2	Unclassified	S-18
Kerosene or Gasoline, 1 gallon			aromatic cont det TLV			N	N	N
Ethanol, 100 gallons		N	1000	N	N	N	S-56	Validated

CHEMICAL	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	
Ethanol S&I (cont)							
Ethanol CD-20							
Unleaded gasoline, 5 gallon					N	N	N
Ethanol, 100 gallon					N	N	Validated
Ethanol SD-1							
Methanol 4 Parts			S-200				Validated
Methyl Isobutyl Ketone 1 Part			50	75	38C-582-R2	Unclassified	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-28							
Toluene 1/2 Part			S-100	S-150	38C-105-R2	Unclassified	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-3A							
Methanol 5 Parts			S-200	S-250	N	N	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-29C							
CELLSOLVE SOLVENT 1 Part			S-50	S-100	38C-70M6-R2a	Unclassified	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-29E							
Ethyl Acetate 1 Part			400	N	N	S-49	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-29G							
Diethylamine 1 Part			10	25	N	S-139	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-30							
Methanol 10 Parts			S-200	S-250	N	S-59	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-35A							
Ethyl Acetate 4.3 Parts			400	N	N	S-49	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
Ethanol SD-36							
Sodium Hydroxide, 50X 17.5 lbs		2 mg/m ³	N	N	N	S-381	Validated
Ethanol 100 gallons		N	1000	N	N	S-56	Validated

CHEMICAL DIV	DIV	CEIL	TLV		STEL	METHOD				
			TWA	NO		UCC	CLASS	NO	NIOSH	CLASS
Ethanol S&I (cont)										
Ethanol SD-36A		N	25		35	38C-1P7-R2a	Unclassified	S-347	Validated	
Ammonium Hydroxide 27-30% 3 gallons		N	1000		N	N	N	S-56	Validated	
Ethanol 100 gallons										
Ethanol SD-37L		N	N		N	N	N	N	N	
Eucalyptol		N	N		N	N	N	N	N	
Thymol		N	N		N	N	N	N	N	
Menthol		N	N		N	N	N	N	N	
8.3 lbs any combination		N	1000		N	N	N	S-56	Validated	
Ethanol 100 gallons										
Ethanol SD-38B		N								
Menthol		N	N		N	N	N	N	N	
Methyl Silicylate		N	N		N	N	N	N	N	
Carvone		N	N		N	N	N	N	N	
10 lbs any combination		N	N		N	N	N	N	N	
Oil of Peppermint		N	N		N	N	N	N	N	
Ethanol 100 gallons		N	1000		N	N	N	S-56	Validated	
Ethanol SD-39C										
Diethyl Phthalate 1 gallon		N	5 mg/m ³		N	N	N	N	N	
Ethanol 100 gallons		N	1000		N	N	N	S-56	Validated	
Ethanol SD-40										
tert-Butanol 1 Part		N	100		150					
Brucine Sulfate 1.5 oz		N	N		N	N	N	S-63	Validated	
Ethanol 100 gallon		N	1000		N	N	N	S-56	Validated	
Ethanol SD-40B										
tert-Butanol 1 Part		N	100		150					
Bitrex 1/16 oz		N	N		N	N	N	S-63	Validated	
Ethanol 100 gallons		N	1000		N	N	N	S-56	Validated	
2-Ethylbutanol	S&I	N	N		N	N	N	N	N	
2-Ethylbutyraldehyde	S&I	N	N		N	N	N	N	N	
2-Ethylbutyric Acid	S&I	N	N		N	N	N	N	N	
2-Ethylhexaldehyde	S&I	N	N		N	N	N	N	N	

CHEMICAL DIV	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	NO	NTOSH CLASS
2-Ethylhexanol	S&I	N	N	N	N	N	N
2-Ethylhexoic Acid	S&I	N	N	N	N	N	N
FLEXOL Plasticizer 3GH	S&I	N	N	N	N	N	N
FLEXOL Plasticizer 4G0	S&I	N	N	N	N	N	N
Glyceryl Triacetate	S&I	N	N	N	N	N	N
Glycol Diacetate	S&I	N	N	N	N	N	N
Hexylene Glycol	S&I	25	N	N	38C-6T3-R2	Unclassified	N
Hexylene Glycol Diacetate	S&I	N	N	N	N	N	N
Hydrogen	S&I	X	Asphyxiant	N	N	N	N
Hydroxyethyl Cellulose See CELLULOSE Hydroxyethyl Cellulose							
Isobutanol	S&I	N	50	75	N	S-64	Validated
Isobutyl Acetate	S&I	N	150	175	N	S-44	Validated
Isobutyl Heptyl Ketone	S&I	N	N	N	N	N	N
Isobutyraldehyde	S&I	N	N	N	N	N	N
Isopentanaldehyde	S&I	N	N	N	N	N	N
Valeraldehyde	60%	N	50	N	N	N	N
2-Methyl-1-Butyraldehyde	35%	N	N	N	N	N	N
3-Methyl-1-Butyraldehyde	5%	N	N	N	N	N	N
Isopentanoic Acid	S&I	N	N	N	N	N	N
Valeric Acid	60%	N	N	N	N	N	N
2-Methyl-1-Butyric Acid	35%	N	N	N	N	N	N
3-Methyl-1-Butyric Acid	5%	N	N	N	N	N	N

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD		
			TWA	THA		NO	UCC CLASS	NYOSH NO CLASS
Isophorone	S&I	5	N	N	N	38C-N1C1-R2	Unclassified	S-367 Validated
Isopropanol	S&I	N	400	500	500	N	N	S-65 Validated
Isopropyl Acetate	S&I	N	250	310	310	N	N	N
Isopropyl Ether	S&I	N	250	310	310	N	N	S-368 Validated
Mesityl Oxide	S&I	N	15	25	25	N	N	S-12 Validated
Methyl Amyl Alcohol	S&I	N	S-25	S-40	S-40	N	N	S-60 Validated
2-Methyl-1-Butanol	S&I	N	N	N	N	N	N	N
2-Methylbutyraldehyde	S&I	N	N	N	N	N	N	N
Methyl Cellosolve Acetate	S&I	N	S-25	S-35	S-35	N	N	S-39 Validated
Methyl Ethyl Ketone	S&I	N	200	300	300	N	N	127 Accepted S-3 Validated
Methyl Isobutyl Ketone	S&I	N	50	75	75	38C-5B2-R2	Unclassified	S-18 Validated
2-Methyl-1-Pentanol	S&I	N	N	N	N	N	N	N
Methyl Phenyl Ketone	S&I	N	N	N	N	N	N	N
Alpha-Methyl Styrene	S&I	N	500	100	100	N	N	S-26 Validated
n-Pentanol See n-Valeraldehyde	S&I							
n-Pentanoic Acid See Valeric Acid	S&I							
n-Pentanol	S&I	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	
Pheno1	S&I	N	S-5	S-10	N	S-330	Validated
Primary Amyl Acetate	S&I						
n-Amyl Acetate		N	100	150	N	S-51	Validated
2-Methyl-1-Butyl Acetate		N	N	N	N	N	N
3-Methyl-1-Butyl Acetate		N	N	N	N	N	N
Primary Amyl Alcohol	S&I						
n-Amyl Alcohol (1-Pentanol)		N	N	N	N	N	N
2-Methyl-1-Butanol		N	N	N	N	N	N
3-Methyl-1-Butanol		N	N	N	N	N	N
n-Propanol	S&I	N	S-200	S-250	N	S-62	Validated
Propionaldehyde	S&I	N	N	N	N	N	N
Propionic Acid	S&I	N	10	15	N	N	N
n-Propyl Acetate	S&I	N	200	250	N	S-48	Validated
SYNASOL Solvents	S&I						
SYNASOL 190 Gov Form 1, PM-41							
Ethanol SD1, 190 Proof		N	1000	N	N	S-56	Validated
SD1 is Ethanol 100 Parts		N	S-200	S-250	N	S-59	Validated
Methanol 4 Parts		N	50	75	38C-582-R2	S-18	Validated
MIBK 1 Part		N			Unclassified		
Ethyl Acetate 85-88%, PM-3640		N	400	N	N	S-49	Validated
PM-3640 is Ethyl Acetate							
90.53%							
95-98%							
Ethanol SD35A							
200 Proof							
SD35A is Ethyl Acetate 4.3 Parts		N	400	N	N	S-49	Validated
Ethanol 100 Parts		N	1000	N	N	S-56	Validated
BRONOCO Rubber Solvent		U*	U	U	U	U	U
0.799%							

*Unknown

CHEMICAL DIV	DIV	CETL	TLV		STEEL	METHOD		
			TWA	MA		UCC	CLASS	WTOSH
						NO		NO
SYNASOL Solvents SMI (cont)								
SYNASOL 190 Gov Form 3, PM-3224								
Ethanol SD1 190 Proof			1000		N	N	N	S-56
SD1 is Ethanol 100 Parts			S-200		N	N	N	S-59
Methanol 4 Parts			50		75	38C-582-R2	Unclassified	S-18
MIBK 1 Part								Validated
Ethyl Acetate 85-88%, PM-3640								Validated
PM-3640 is Ethyl Acetate								Validated
90.53%								
95-98%								
Ethanol SD35A			400		N	N	N	S-49
9.47%								Validated
200 Proof								
Ethanol SD35A is Ethyl Acetate 4.3 Parts			400		N	N	N	S-49
Ethanol 100 Parts			1000		N	N	N	S-56
0.825%			U		U	U	U	U
0.9550%			50		75	38C-582-R2	Unclassified	S-18
Validated								
BRONOCO Rubber Solvent								
Methyl Isobutyl Ketone								
SYNASOL 200 Gov Form 1, PM-100								
Ethanol SD1 200 Proof			1000		N	N	N	S-56
SD1 is Ethanol 100 Parts			S-200		N	N	N	S-59
Methanol 4 Parts			50		75	38C-582-R2	Unclassified	S-18
MIBK 1 Part								Validated
Ethyl Acetate 95-98%, PM-3640								Validated
5.619%								Validated
PM-3640 is Ethyl Acetate								Validated
90.53%								
95-98%			400		N	N	N	S-49
Ethanol SD35A								Validated
9.47%								
200 Proof								
Ethanol SD35A is Ethyl Acetate 4.3 Parts			400		N	N	N	S-49
Ethanol 100 Parts			1000		N	N	N	S-56
0.818%			U		U	U	U	U
Validated								
BRONOCO Rubber Solvent								

CHEMICAL DIV	DIV	PECL	TLV		STEL	METHOD		
			TWA	MA		UCC	CLASS	NIOSH
						NO	NO	CLASS
SYNASOL Solvents S&I (cont)								
SYNASOL 200 Gov Form 3, PM-509								
Ethanol SDI 200 Proof								
SDI is Ethanol 100 Parts			1000		N	N	M	S-56 Validated
Methanol 4 Parts			S-200		N	N	N	S-59 Validated
MIBK 1 Part			50		N	38C-582-R2	Unclassified	S-18 Validated
Ethyl Acetate 85-88%, PM-3640								
PM-3640 is Ethyl Acetate			400		N	N	N	S-49 Validated
95-98%								
Ethanol SD35A								
200 Proof								
Ethanol SD35A is Ethyl Acetate 4.3 Parts			400		N	N	M	S-49 Validated
Ethanol 100 Parts			1000		N	N	N	S-56 Validated
BROWNCO Rubber Solvent			U		U	U	U	U
Methyl Isobutyl Ketone			50		N	38C-582-R2	Unclassified	S-18 Validated
SYNASOL 200 Gov Form 5, PM-1165								
Ethanol SDI 200 Proof								
SDI is Ethanol 100 Parts			1000		N	N	N	S-56 Validated
Methanol 4 Parts			S-200		N	N	N	S-59 Validated
MIBK 1 Part			50		N	38C-582-R2	Unclassified	S-18 Validated
sec-Butanol			100		N	150	N	S-53 Validated
Methyl Isobutyl Ketone			50		N	75	N	S-18 Validated
BROWNCO Rubber Solvent			U		U	38C-582-R2	Unclassified	U

CHEMICAL DIV	DIV	ZELL	TLV		STEL	METHOD		
			TWA	NO	CLASS	NO	CLASS	NO
SYNASOL Mixture, PM-5519								
SYNASOL PM-3224								
PM-3224 is Ethanol 501 200 Proof 75.40%								
SD1 is Ethanol 100 Parts								
Methanol 4 Parts								
MIBK 1 Part								
Ethyl Acetate 85-88%, PM-3640 1.478%								
PM-3640 is Ethyl Acetate 90.53%								
95-98%								
Ethanol 5035A								
200 Proof								
Ethanol 5035A is Ethyl Acetate 4.3 Parts								
Ethanol 100 Parts								
BRONOCO Rubber Solvent								
Methyl Isobutyl Ketone								
Acetone								
Synthesis Gas	S&I							
Carbon Monoxide								
Hydrogen								
UCAR Bisphenol A	S&I							
UCAR Solvent MBE	S&I							
n-Butanol								
2-Butanol								
n-Butyl Acetate								
2-Butyl Acetate								
2-Butyl Formate								
Ethyl Butyrate								
Ethyl Propionate								
Isobutyl Propionate								
Methyl-n-Butyrate								
n-Propyl Acetate								
Propyl Propionate								

CHEMICAL DIV	DIV	OEL	TLV TWA	STEL	METHOD		
					UCC	NO	NYOSH CLASS
UCAR Solvent TM	S&I						
UCAR Welltester TM	S&I						
UCON Frothers R-122, PM-5706 Isophorone Frother R-23 Frother R-23 is	S&I	70.00% 30.00%	N U	N U	38C-NIC1-R2	Unclassified S-367	Validated U
R-133, PM-5670 Methyl Amyl Alcohol Isophorone Residues Isophorone Residues are		70.00% 30.00%	S-25 U	S-40 U	N U	S-60 U	Validated U
R-149, PM-5724 UCON Frother R-70 R-70 is HCO Alcohols No. 2 HCO Alcohols No. 2 are		50.00%	U	U	U	U	U
R-206, PM-5793 Methyl Amyl Alcohol UCON Frother R-23 R-23 is		47.0% 53.0%	N U	S-40 U	N U	S-60 U	Validated U
R-207, PM-5832 Isophorone UCON Frother R-23 R-23 is		60.0%	5	N	38C-NIC1-R2	Unclassified S-367	Validated
R-210, PM-5897 Methyl Amyl Alcohol UCON Frother R-27 R-27 is		90.0% 10.0%	5 U	N U	38C-NIC1-R2	Unclassified S-367	Validated U

CHEMICAL	DIV	OEL	TLV TWA	STEL	METHOD		
					UCC	NO	NIOSH
					CLASS	CLASS	CLASS
Valeraldehyde	S&I	N	50	N	N	N	N
n-Valeric Acid	S&I	N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD		
			TWA	MA		UCC	NO	NIOSH
						CLASS	CLASS	CLASS
Aloxy Siloxanes	SUI							
Bicyclonadiene	SUI	N	N	N	N	N	N	N
Bis (dimethylaminoethyl) ether	SUI	N	N	N	N	N	N	N
n-Butyl Chloride	SUI	N	N	N	N	N	N	N
Dichlorosilane	SUI	N	N	N	N	N	N	N
Dicyclopentadiene	SUI	N	5	N	38C-M185-R2	Accepted	N	N
Dimethylaminodimethylpropionamide	SUI	N	N	N	N	N	N	N
Dinitrotoluene	SUI	N	S-1.5 mg/m ³	S-5 mg/m ³	N	N	S-215	Validated
Ethylidenenorbornene	SUI	5	N	N	38C-S2811-R2	Unclassified	N	N
Glycerine	SUI	N	MIST 10 mg/M3	N	N	N	N	N
Methyl Chloride	SUI	N	50	100	N	N	201 S-99	Proposed Validated
N-Methylmorpholine	SUI	N	N	N	N	N	N	N
NIAX Activators	SUI							
NIAX Polyols	SUI							

CHEMICAL DIV	DIV	CETL	TLV TWA	STEL	METHOD			
					NO	UCC CLASS	NO	NIOSH CLASS
NIAX Blowing Agents	SUI							
11 (Trichlorofluoromethane)		N	1000	1250	N	N	S-102	Validated
11B (PM-3825)								
11C (PM-5458)								
11D (PM-5563)								
12 (Dichlorodifluoromethane)		N	1000	1250	N	N	S-111	Validated
NIAX Catalyst	SUI							
NIAX Isocyanates	SUI							
Polypropylene Glycols	SUI	N	N	N	N	N	N	N
Propylene Oxide	SUI	N	20	UCC 100	38C-K2C-R2	Accepted	S-75	Validated
N,N,N-tetramethyl-1,3-butanediamine	SUI	N	N	N	N	N	N	N
Toluene	E&HC	N	S-100	S-150	38C-10S-R2	Unclassified	S-343	Validated
Tolylenediamine	SUI	N	UCC 0.1	N	N	N	N	N
Tolylene diisocyanate	SUI	N	0.02	N	38C-822N2-R2a	Unclassified	141 326	Operational Operational
Trichlorofluoromethane (UCON 11)	SUI	N	1000	1250	N	N	S-102	Validated
Trichlorosilane	SUI	N	N	N	N	N	N	N

CHEMICAL	DIV	CETL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	
UCCN Fluorocarbons	SUI						
UCCN-11 (Monofluorotrichloromethane)		N	1000	1250	N	S-102	Validated
UCCN-12 (Difluorodichloromethane)		N	1000	1250	N	S-111	Validated
UCCN-21 (Monochlorodifluoromethane)		N	1000	1250	N	N	N
UCCN-113 (Trifluorotrichloroethane)		N	1000	1250	N	S-129	Validated
UCCN-114 (Tetrafluorodichloroethane)		N	N	N	N	N	N
UCCN Food Freezant	SUI						
Vinyl Cyclohexene	SUI	N	N	N	N	N	N
Vinyl Norbornene	SUI	N	N	N	N	N	N

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CHEMICAL DIV	DIV	CEIL	TLV		STEL	METHOD			
			TWA	Part 10		Part 20	NO	UCC CLASS	NIOSH CLASS
UCAR Runway Deicers EOG (cont)									
UCAR Runway Deicer 4, PM-5977									
Ethylene Glycol		Vapor 50	N	N	N	38C-70M6-R2a	Unclassified	338	Proposed
Urea, 50% Aqueous	59.98%	N	N	N	N	N	N	N	N
Water, Demineralized	30.00%	N	N	N	N	N	N	N	N
Dipotassium Hydrogen Phosphate	9.00%	N	N	N	N	N	N	N	N
Sodium Fluoride	1.00%	N	N	N	N	N	N	N	N
Dye, Alizarine Astrol 8	0.01%	N	N	N	N	N	N	N	N
Dye, Alizarine Astrol 8	0.00%	N	N	N	N	N	N	N	N
UCAR SAN Sanitizers									
UCAR SAN Sanitizer 402, PM-5910									
Water, Demineralized	97.68%	0.2	N	N	N	38C-405-R2a	Unclassified	N	N
UCAR IDE 250 (Glutaraldehyde 50%)	2.00%	N	N	N	N	N	N	N	N
TERGITOL 15-S-9	0.30%	N	N	N	N	N	N	N	N
Perfume Compound 46616	0.02%	N	N	N	N	N	N	N	N
UCAR SAN Sanitizer 420, PM-5911									
Water, Demineralized	76.80%	0.2	N	N	N	38C-405-R2a	Unclassified	N	N
UCAR IDE 250 (Glutaraldehyde 50%)	2.00%	N	N	N	N	N	N	N	N
TERGITOL 15-S-9	3.00%	N	N	N	N	N	N	N	N
Perfume Compound 46616	0.02%	N	N	N	N	N	N	N	N
UCAR Solvent MBE									
n-Butanol	0-3%	S-50	N	N	N	N	N	5-66	Validated
2-Butanol	4-10%	N	100	150	150	N	N	5-53	Validated
n-Butyl Acetate	10-20%	N	150	200	200	N	N	S-47	Validated
2-Butyl Acetate	40-50%	N	200	250	250	N	N	S-46	Validated
2-Butyl Formate	4-8%	N	N	N	N	N	N	N	N
Ethyl Butyrate	1-3%	N	N	N	N	N	N	N	N
Ethyl Propionate	2-7%	N	N	N	N	N	N	N	N
Isobutyl Propionate	0-1%	N	N	N	N	N	N	N	N
Methyl-n-Butyrate	3-10%	N	N	N	N	N	N	N	N
n-Propyl Acetate	5-10%	N	200	250	250	N	N	S-48	Validated
Propyl Propionate	0-2%	N	N	N	N	N	N	N	N

CHEMICAL	DIV	TLV			METHOD		
		CELL	TWA	STEL	UCC		NIOSH
					NO	CLASS	
Acetaldehyde	S&I	N	100	150	N ¹	N	S-345 Validated
Acetic Acid	CM	N	10	15	38C-3A2-B2c	Accepted	S-169 Validated
Acetic Anhydride	CM	5	N	N	38C-15A2-R2a	Accepted	S-170 Validated
Acetic Esters	S&I	N	100	150	N	N	S-51
Amyl Acetate		N	150	200	N	N	S-47
Butyl Acetate		N	N	N	N	N	N
Butyl Carbitol Acetate		N	N	N	N	N	N
Butyl Cellosolve Acetate		N	N	N	N	N	N
Carbitol Acetate		N	N	N	N	N	N
Cellosolve Acetate		N	50	100	N	N	S-41 Validated
Glycerol Triacetate		N	N	N	N	N	N
Glycol Diacetate		N	N	N	N	N	N
Hexylene Glycol Diacetate		N	N	N	N	N	N
Isobutyl Acetate		N	150	187	N	N	S-44 Validated
Isopropyl Acetate		N	250	310	N	N	S-50 Validated
Methyl Cellosolve Acetate		N	S2-25	S-35	N	N	S-39 Validated
Primary Amyl Acetate, Mixed Isomers		N	N	N	N	N	N
N-Propyl Acetate		N	200	250	N	N	S-48 Validated
Triethylene Glycol Diacetate		N	N	N	N	N	N
Acetone	S&I	N	1000	1250	38C-5A1-R2	Unclassified	127 S-1 Operational
Acetophenone	S&I	N	N	N	N	N	N

¹ None

² Skin (TLV column)

CHEMICAL	DIV	CELL	TLV		STEL	UCC		METHOD	
			TWA	N		NO	CLASS	NO	CLASS
Acetylene	EMC	N	A	N	N	N	N	N	N
Acrolein	CM	N	0.1	0.3	N	N	N	118 211	Tentative Tentative
Acrylic Acid	CM	N	UCC 2	N	38C-3F1-R2	Unclassified	N	N	N
Aircraft Deicing Fluids	EOG								
ADF-2-40-D									
UCAR-ADF-2, PM-5178									
PM5178 is: PM-5234									
Dye, Orasol Red G		N	N	N	N	N	N	N	N
Dye, Uranine, Conc		N	N	N	N	N	N	N	N
PM-5234 is: Ethylene Glycol		Vapor 50	10mg/M ³	920mg/M ³	38C-70M6-R2a	N	N	338	Proposed
Diethylene Glycol		N	N	N	N	N	N	N	N
Water, Demineralized		N	N	N	N	N	N	N	N
Potassium Phosphate, Dib		N	N	N	N	N	N	N	N
Tolyltriazole		N	N	N	N	N	N	N	N
Sodium Di-2-Hexylsulfosuc		N	N	N	N	N	N	N	N
Potassium Hydroxide		2 mg/m ³	N	N	N	N	N	N	N
Dye, Orasol Red G		N	N	N	N	N	N	N	N
Dye, Uranine Conc		N	N	N	N	N	N	N	N
ADF-2-50-D, PM-5196									
PM-5234 (See above)									
Water, Demineralized									
Dye, Orasol Red G		N	N	N	N	N	N	N	N
Dye, Uranine Conc		N	N	N	N	N	N	N	N
UCAR ADF-2, PM-5234									
See above									
UCAR ADF-2-D, PM-5178									
See above									

A-Asphyxiant

P-Particulate

CHEMICAL	DIV	OEL	TLV TWA	STEL	METHOD		
					UCC NO	CLASS	NIOSH NO CLASS
Alcohols, Secondary	E00						
Alkylbenzenes	E00						
Allyl Methacrylate	SCP	N	N	N	N	N	N
AMIDEL	SCP						
N-(2-Aminoethyl)ethanolamine	E00	N	N	N	N	N	N
N-Aminoethylpiperazine	E00	N	N	N	N	N	N
Amyl Acetate	S&I	N	100	150	N	N	S-51
Amyl Alcohol, Primary	S&I	N	N	N	N	N	N
Aloxy Siloxanes	SUI						

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD		
			TWA	NO		UCC	CLASS	NIOSH
ANHYDROL Solvents								
ANHYDROL R 200 Proof Gov Form AI, PM-1473 Ethanol SDI, 190 Proof SDI is Ethanol Methyl Isobutyl Ketone Methanol	S&I	N	1000	N	75	N	Unclassified	S-56 Validated
			50	N	75	N	Unclassified	S-18 Validated
			S-200	N	S-250	N	N	247 Operational
				N		N	N	S-59 Validated
Isopropanol Methyl Isobutyl Ketone	S&I	N	400	N	500	N	Unclassified	S-49 Validated
			50	N	75	N	Unclassified	S-18 Validated
ANHYDROL R 200 Proof Gov Form AI, PM-1474 Ethanol SDI, 200 Proof SDI is Ethanol Methyl Isobutyl Ketone Methanol	S&I	N	1000	N	75	N	Unclassified	S-56 Validated
			50	N	75	N	Unclassified	S-18 Validated
			S-200	N	S-250	N	N	247 Operational
				N		N	N	S-59 Validated
Isopropanol Methyl Isobutyl Ketone	S&I	N	400	N	500	N	Unclassified	S-49 Validated
			50	N	75	N	Unclassified	S-18 Validated
ANHYDROL R 200 Proof Gov Form B, PM-1779 Ethanol SDI, 200 Proof SDI is Ethanol Methyl Isobutyl Ketone Methanol	S&I	N	1000	N	75	N	Unclassified	S-56 Validated
			50	N	75	N	Unclassified	S-18 Validated
			S-200	N	S-250	N	N	247 Operational
				N		N	N	S-59 Validated
Methanol	S&I	N	400	N	500	N	Unclassified	S-49 Validated
			50	N	75	N	Unclassified	S-18 Validated
Isopropanol Methyl Isobutyl Ketone	S&I	N	400	N	500	N	Unclassified	S-49 Validated
			50	N	75	N	Unclassified	S-18 Validated

CHEMICAL DIV	DIV	CETL	TLV TWA	STEL	METHOD		
					UCC	NO	CLASS
ANHYDROL Solvents S&I (cont)							
ANHYDROL R 190 Proof Gov Form B, PM-3560 Ethanol SDI, 190 Proof SDI is Ethanol Methyl Isobutyl Ketone Methanol Isopropanol, 99% Methyl Isobutyl Ketone Methanol	90.32%	N	1000	N	N	S-56 Validated	
	99.95%	N	50	75	38C-582-R2	S-18 Validated	
	0.01%	N	S-200	S-250	N	247 Operational	
	0.04%	N			N	S-59 Validated	
	4.38%	N	400	500	N	S-49 Validated	
	0.89%	N	50	75	38C-582-R2	S-18 Validated	
	4.41%	N	S-200	S-250	N	247 Operational	
					N	S-59 Validated	
	ANHYDROL R METHANOL BLEND, PM-5946						
	PM-4082	83.26%					
See PM-4082 for Composition Methanol	16.74%	N	S-200	S-250	N	247 S-49 Operational Validated	
	ANHYDROL R SPECIAL 200, PM-3153						
Ethanol SDI, 200 Proof SDI is Ethanol Methyl Isobutyl Ketone Methanol	93.79%	N	1000	N	N	S-56 Validated	
	99.95%	N	50	75	38C-582-R2	S-18 Validated	
	0.01%	N	S-200	S-250	N	247 Operational	
	0.04%	N			N	S-59 Validated	
Ethyl Acetate 85-88%, PM-3640 PM-3640 is Ethyl Acetate 95-98% Ethanol SD35A 200 Proof SD35A is Ethanol 100 Parts Ethyl Acetate 4.3 Parts Methyl Isobutyl Ketone	5.25%	N	400	N	N	S-49 Validated	
	90.53%						
	9.47%						

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD		
			TWA			UCC CLASS	NO	NTOSH CLASS
ANHYDROL Solvents S&I (cont)								
ANHYDROL R Special 190 Gov Form A1, PM-4081 Ethanol SD3A, 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	90.35%							
		N	1000	N	S-250	N	N	S-56 Validated
		N	S-200			N	N	247 Operational
		N	400		500	N	N	S-59 Validated
Isopropanol 99% Methyl Isobutyl Ketone	8.76%	N	50		75	38C-582-R2	Unclassified	S-49 Validated
	0.89%	N						S-18 Validated
ANHYDROL R Special 190 Gov Form AM, PM-4079 Ethanol SD3A 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	90.28%							
		N	1000	N	S-250	N	N	S-56 Validated
		N	S-200			N	N	247 Operational
		N	S-200		S-250	N	N	S-59 Validated
Methanol	8.83%	N						247 Operational
Methyl Isobutyl Ketone	0.89%	N	50		75	38C-582-R2	Unclassified	S-59 Validated
ANHYDROL R Special 190 Gov Form B, PM-4157 Ethanol SD3A, 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	90.32%							
		N	100	N	S-250	N	N	S-56 Validated
		N	S-200			N	N	247 Operational
		N	400		500	N	N	S-59 Validated
Isopropanol 99% Methanol	4.38% 4.40%	N N	S-200		S-250	N N	N	S-49 Validated 247 Operational
Methyl Isobutyl Ketone	0.89%	N	50		75	38C-582-R2	Unclassified	S-59 Validated

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD		
			TWA	NO		UCC	CLASS	NO
ANHYDROL Solvents S&I (cont)								
ANHYDROL R Special 190 Gov Form C, PM-4085 Ethanol SD3A, 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	93.94%	N	1000 S-200	N S-250	N	N	S-56 247 Validated Operational	
Methyl Isobutyl Ketone Ethyl Acetate 85-88%, PM-3640 PM-3640 is Ethyl Acetate 95-98%	0.93% 5.13% 90.53%	N	50	75	38C-582-R2	Unclassified	S-59 Validated S-18 Validated	
Ethanol SD-35A SD35A is Ethanol 100 Parts Ethyl Acetate 4.3 Parts	9.47%	N	400	N	N	N	S-49 Validated	
ANHYDROL R Special 190 Gov Form DI, PM-4080 Ethanol SD3A, 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	86.56%	N	1000 S-200	N S-25	N	N	S-56 247 Validated Operational	
Isopropanol 99% Methyl Isobutyl Ketone	12.59% 0.85%	N	400 50	500 75	N 38C-582-R2	Unclassified	S-49 Validated S-18 Validated	
ANHYDROL R Special 190 Gov Form DM, PM-4078 Ethanol SD3A, 190 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	86.46%	N	1000 S-200	N S-250	N	N	S-56 247 Validated Operational	
Methanol	12.69%	N	S-200	S-250	N	N	S-59 247 Validated Operational	
Methyl Isobutyl Ketone	0.85%	N	50	75	38C-582-R2	Unclassified	S-59 247 Validated S-18 Validated	

CHEMICAL DIV	DIV	CETL	TLV TWA	STEL	METHOD			
					NO	UCC	CLASS	
ANHYDROL Solvents S&I (cont)								
ANHYDROL R Special 200 Gov Form AI, PM-4082 Ethanol SD3A, 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts		N	1000	N	N	S-56	Validated	
		N	S-200	S-250	N	N	247	Operational
		N	400	500	N	N	S-59	Validated
		N	50	75	38C-582-R2	Unclassified	S-49	Validated
	8.95%	N				S-18	Validated	
Isopropanol 99% Methyl Isobutyl Ketone	0.91%	N						
ANHYDROL R Special 200 Gov Form PM-4083								
Ethanol SD3A, 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	90.07%	N	1000	N	N	S-56	Validated	
		N	S-200	S-250	N	N	247	Operational
		N	S-200	S-250	N	N	S-59	Validated
		N	50	75	38C-582-R2	Unclassified	S-49	Validated
Methanol	9.02%	N				S-18	Validated	
Methyl Isobutyl Ketone	0.91%	N						
ANHYDROL R Special 200 Gov Form B, PM-4135								
Ethanol SD3A 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	90.11%	N	1000	N	N	S-56	Validated	
		N	S-200	S-250	N	N	247	Operational
		N	400	500	N	N	S-59	Validated
		N	50	75	38C-582-R2	Unclassified	S-49	Validated
Isopropanol 99% Methyl Isobutyl Ketone	4.47%	N				S-18	Validated	
Methanol	0.91%	N						
	4.51%	N	S-200	S-250	N	N	S-59	Validated

CHEMICAL DIV	DIV	CELL	TLV TWA	STEL	METHOD		
					NO	UCC	CLASS
ANHYDROL Solvents S&I (cont)							
ANHYDROL R Special 200 Gov Form C, PM-4084 Ethanol SD3A 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	93.71%	N	1000	N	N	S-56 Validated	
		N	S-200	S-250	N	247 Operational	
	0.95%	N	50	75	38C-582-R2	S-59 Validated	
	90.5%	N	400	N	N	S-18 Validated	
Methyl Isobutyl Ketone Ethyl Acetate 85-88% PM-3640 PM-3640 is Ethyl Acetate 95-98% Ethanol SD3SA 200 Proof	9.47%	N	1000	N	N	S-49 Validated	
		N	400	N	N	S-56 Validated	
	SD-35A is Ethanol 100 Parts	N	1000	N	N	S-56 Validated	
	Ethyl Acetate 4.3 Parts	N	400	N	N	S-49 Validated	
ANHYDROL R Special 200 Gov Form DI, PM-4176 Ethanol SD3A 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	86.27%	N	1000	N	N	S-56 Validated	
		N	S-200	S-250	N	247 Operational	
	12.86%	N	400	500	N	S-59 Validated	
	0.87%	N	50	75	38C-582-R2	S-49 Validated	
Isopropanol 99% Methyl Isobutyl Ketone		N	1000	N	N	S-56 Validated	
		N	S-200	S-250	N	247 Operational	
	12.86%	N	400	500	N	S-59 Validated	
	0.87%	N	50	75	38C-582-R2	S-49 Validated	
ANHYDROL R Special 200 Gov Form DM, PM-4217 Ethanol SD3A 200 Proof SD3A is Ethanol 100 Parts Methanol 5 Parts	86.18%	N	1000	N	N	S-56 Validated	
		N	S-200	S-250	N	247 Operational	
	12.95%	N	S-200	S-250	N	S-59 Validated	
	0.87%	N	50	75	38C-582-R2	S-49 Validated	
Methanol Methyl Isobutyl Ketone		N	1000	N	N	S-56 Validated	
		N	S-200	S-250	N	247 Operational	
		N	S-200	S-250	N	S-59 Validated	
		N	50	75	38C-582-R2	S-49 Validated	

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD			
			TWA	NO		UCC	CLASS	NO	NIOSH
									CLASS
ARDEL (Polyarylates)	SCP	N	N	N	N	N	N	N	N
AQUACAR	SCP								
BAKELITE EPOXY RESINS (PERACID DERIVED)	SCP								
ADME X-790A		N	N	N	N	N	N	N	N
AOE C-16		N	N	N	N	N	N	N	N
Caprolactone		N	N	N	N	N	N	N	N
Cyclonexanone		N	25	100	N	N	N	S-19	Validated
ERL-4205									
ERL-4206									
ERL-4221									
ERL-4234									
ERL-4299									
FLEXOL PLASTICIZER EP-B		N	N	N	N	N	N	N	N
FLEXOL PLASTICIZER EPO		N	N	N	N	N	N	N	N
FLEXOL PLASTICIZER LOE		N	N	N	N	N	N	N	N
Benzene	E&HC	N	10	25	38C-BIAI-R2.1 Approved 38C-BIAI-R2.2 Unclassified	127 S-311	Recommended Validated		
Bicyclononadiene	SUI	N	N	N	N	N	N	N	N
N, N-Bis (3-Aminopropyl) methylamine	SCP	N	N	N	N	N	N	N	N
Bis (dimethylaminoethyl) ether	SUI	N	N	N	N	N	N	N	N
Butadiene	E&HC	N	1000	1250	N	N	S-91	Validated	
Butane	E&HC	N	800	N	N	N	N	N	N
n-Butanol	S&I	S-50	N	N	N	N	S-66	Validated	

CHEMICAL DIV	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	NO	NIOSH CLASS
1-(Butoxyethoxy)-2-Propanol	SCP	N	N	N	N	N	N
Butoxytriethylglycol	EOD	N	N	N	N	N	N
Butyl Acetate	S&I	N	150	200	N	S-46	Validated
Butyl Acrylate	CM	N	10	N	38C-201-R2	Unclassified	N
Butyl Carbitol	EOD	N	N	N	N	N	N
Butyl Carbitol Acetate	S&I	N	N	N	N	N	N
Butyl Cellosolve	EOD	N	S-25	S-50	38C-11B4-R2	Unclassified	S-76
Butyl Cellosolve Acetate	S&I	N	N	N	N	N	N
n-Butyl Chloride	SUI	N	N	N	N	N	N
Butylphenol, UCAR (para-tert)	CM	N	N	N	38C-86A11	Accepted	N
Butyraldehyde	S&I	N	N	N	N	N	N
t-Butylethanolamine	SCP	N	N	N	N	N	N
t-Butyldiethanolamine	SCP	N	N	N	N	N	N
Bisphenol A	S&I	N	N	N	N	N	N
Caprolactone	SCP	N	N	N	N	N	N
epsilon-Caprolactone	SCP	N	N	N	N	N	N
CARBITOL Acetate	S&I	N	N	N	N	N	N

CHEMICAL	DIV	CELL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	CLASS
CARBITOL SOLVENT (PM-600)	EOD	N	N	N	N	N	N
CARBITOL Low Gravity	70.50%	Vapor 50	Part	Part	38C-11A1-R2	338	Proposed
Ethylene Glycol	29.50%		10 mg/m ³	20 mg/m ³	38C-70W6-R2a	Unclassified	
CARBITOL Solvent Low Gravity	EOD	N	N	N	N	N	N
CARBITRON Admixture 20	OM	N	N	N	N	N	N
CARBONAX Methoxy PEG's (MPEG)	EOD	N	N	N	N	N	N
CARBONAX MPEG-550 Acrylate	SCP	N	N	N	N	N	N
CARBONAX PEG Liquid/Solids	EOD	N	N	N	N	N	N
CARBONAX TPEG 990	EOD	N	N	N	N	N	N
Catalyst Code Products	EOD						
CELLULOSE HEC (all Grades)	OM	N	Dust	N	38C-10X2-R2.4	Unclassified	Unclassified
CELLOSOLVE Acetate	S&I	N	S-50	S-100	N	S-41	Validated
CELLOSOLVE Acrylate	SCP	N	N	N	N	N	N
CELLOSOLVE Silicates	OM	N	N	N	N	N	N
CELLOSOLVE Solvent	EOD	N	S-50	S-100	38C-70W6-R2a	Unclassified	Validated
Coke	EAHC	N	Dust	N	38C-10X2-R2.4	Unclassified	Unclassified
			10 mg/m ³				

CHEMICAL DIV	DIV	CEIL	TLV		STEL	METHOD		
			TWA	NO		UCC	NO	WJOSH
						CLASS		CLASS
Formaldehyde	S&I	N	2	N	6	N	285	Proposed
Cumene	S&I	N	S-50	N	S-75	N	S-23	Validated
Cyclohexanone	SCP	N	25	N	100	N	S-19	Validated
Deactivator A	EOG							
Deicing Fluid C	EOG							
Diacetone Alcohol	S&I	N	50	N	75	N	S-55	Validated
Dibutyl CARBITOL	SCP	N	N	N	N	N	N	N
Dichlorodiphenyl Sulfone	SCP	N	N	N	N	N	N	N
Dichlorosilane	SUI	N	N	N	N	N	N	N
Dicyclopentadiene	SUI	N	5	N	N	38C-M185-R2	Accepted	N
DIENE-205 [B1s (Cyclopentenyl) ether]	SCP	N	N	N	N	38C-M185-R2	Accepted	N
DIENE-221	SCP							
DIENE-234	SCP							
DIENE-299	SCP							
Diethanolamine	EOG	N	3	N	N	N	N	N

CHEMICAL	DIV	CELL	TLV TWA	STEC	METHOD		
					NO	UCC CLASS	NIOSH CLASS
2-(N,N-Diethylamino) ethyl Acrylate	SCP	N	N	N	N	N	N
Diethyl Carbfol	SCP	N	N	N	N	N	N
Diethylene Glycol	E06	N	N	N	N	N	N
Diethylenetriamine	E00	N	S-1	S4	N	S-276	Validated
N,N-Diethylethanolamine	SCP	N	N	N	N	N	N
Di(2-ethylhexyl) Phosphoric Acid	SCP	N	N	N	N	N	N
Diethyl Sulfate	S&I	N	1	N	38C-2Q1.2-R2	Tentative	N
Diisobutyl Carbinol	S&I	N	N	N	N	N	N
Diisobutyl Ketone	S&I	N	25	N	N	N	Validated
Diisopropylamine	E00	N	S-5	N	N	N	Proposed Validated
Dimethylaminodimethylpropionamide	SU1	N	N	N	N	N	N
Dimethylaminoethoxyethanol	SCP	N	N	N	N	N	N
Dimethylaminoethoxyethyl Acrylate	SCP	N	N	N	N	N	N
2-Dimethylaminopropylamine	SCP	N	N	N	N	N	N
N,N-Dimethylethanolamine	SCP	N	N	N	N	N	N
Dimethylisopropanolamine	SCP	N	N	N	N	N	N
2,3-Dimethylpentaldehyde	SCP	N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV		STEL	UCC		METHOD	
			TWA	NO		CLASS	NO	CLASS	
Ethanol S&I (cont)									
Ethanol CD-20									
Unleaded gasoline, 5 gallon									
Ethanol, 100 gallon									
Ethanol SD-1									
Methanol 4 Parts									
Methyl Isobutyl Ketone 1 Part									
Ethanol 100 Parts									
Ethanol SD-28									
Toluene 1/2 Part									
Ethanol 100 Parts									
Ethanol SD-3A									
Methanol 5 Parts									
Ethanol 100 Parts									
Ethanol SD-29C									
CELLSOLVE SOLVENT 1 Part									
Ethanol 100 Parts									
Ethanol SD-29E									
Ethyl Acetate 1 Part									
Ethanol 100 Parts									
Ethanol SD-29G									
Diethylamine 1 Part									
Ethanol 100 Parts									
Ethanol SD-30									
Methanol 10 Parts									
Ethanol 100 Parts									
Ethanol SD-35A									
Ethyl Acetate 4.3 Parts									
Ethanol 100 Parts									
Ethanol SD-36									
Sodium Hydroxide, 50% 17.5 lbs									
Ethanol 100 gallons									

CHEMICAL DIV	DIV	TLV TWA	STEL	METHOD		
				UCC	NO	NIOSH
				CLASS	NO	CLASS
Ethanol S&I (cont.)						
Ethanol SD-36A		25	35			
Ammonium Hydroxide 27-30% 3 gallons		1000	N	38C-1P7-R2a	Unclassified	S-347 Validated
Ethanol 100 gallons				N	N	S-56 Validated
Ethanol SD-37L						
Eucalyptol		N	N	N	N	N
Thymol		N	N	N	N	N
8.3 lbs any combination		N	N	N	N	N
Menthol		N	N	N	N	N
Ethanol 100 gallons		1000	N	N	S-56	Validated
Ethanol SD-388						
Menthol		N	N	N	N	N
Methyl Siliclylate		N	N	N	N	N
Carvone		N	N	N	N	N
10 lbs any combination		N	N	N	N	N
Oil of Peppermint		N	N	N	N	N
Ethanol 100 gallons		1000	N	N	N	N
Ethanol SD-39C						
Diethyl Phthalate 1 gallon		5 mg/m ³	N	N	S-56	Validated
Ethanol 100 gallons		1000	N	N	N	N
Ethanol SD-40						
tert-Butanol 1 Part		100	150	N	N	N
Brucine Sulfate 1.5 oz		N	N	N	S-63	Validated
Ethanol 100 gallon		1000	N	N	N	N
Ethanol SD-408						
tert-Butanol 1 Part		100	150	N	N	N
Bitrex 1/16 oz		N	N	N	S-63	Validated
Ethanol 100 gallons		1000	N	N	N	N
					S-56	Validated
Ethanolamine	EOD	3	6	N	270	Proposed
Ethoxytriglycol	EOD	N	N	N	N	N
Ethyl Acetate	CM	400	N	N	S-49	Validated

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD		
			THA	NO	CLASS	NO	CLASS	NIOSH
Ethyl Acrylate	CM	N	S-5	S-25	38C-2C1-2-R2	Unclassified	S-35	Validated
Ethylamine	EOD	N	10	N	38C-7A2-R2	Unclassified	221	Proposed
Ethylbenzene	SCP	N	100	125	N	N	S-29	Validated
2-Ethylbutanol	S&I	N	N	N	N	N	N	N
Ethyl Butyl Ketone	SCP	N	50	75	N	N	S-16	Validated
2-Ethylbutyraldehyde	S&I	N	N	N	N	N	N	N
2-Ethylbutyric Acid	S&I	N	N	N	N	N	N	N
Ethylene	E&HC	N	Asphyxiant	N	N	N	N	N
Ethylenediamine	EOD	N	10	N	38C-18A1-R2.1	Unclassified	S-276	Validated
Ethylene Dichloride	EOD	N	UCC 5	N	38C-105-R2	Unclassified	S-122	Validated
Ethylene Glycol	EOD	Vapor 50	Part 10 mg/M3	Part 20 mg/m3	38C-11A1-R2	Unclassified	338	Proposed
					38C-70M6-R2a	Unclassified		
Ethylene Glycol Dimethacrylate	SCP	N	N	N	N	N	N	N
Ethylene Oxide	EOD	N	UCC 5	N	38C-K2B-R2.2b	Approved	S-286	Validated
2-Ethylhexaldehyde	S&I	N	N	N	N	N	N	N
2-Ethyl-1,3-hexanedio1	SCP	N	N	N	N	N	N	N
2-Ethylhexanol	S&I	N	N	N	N	N	N	N
2-Ethylhexoic Acid	S&I	N	N	N	N	N	N	N

CHEMICAL	DIV	CETL	TLV		STEL	METHOD		
			TWA	UCC		NO	UCC CLASS	NIOSH CLASS
2-Ethylhexyl Acrylate	CM	N	UCC 5	UCC 10		38C-2C1-R2.1	Accepted	N
2-Ethylhexyl CELLOSOLVE	SCP	N	N	N		N	N	N
Ethylidenenorbornene	SUI	5	N	N		38C-S2B11-R2	Unclassified	N
Ethyl Silicates	CM	N	10	30		N	N	S-264 Validated
FLEXOL Plasticizer 3GH	S&I	N	N	N		N	N	N
FLEXOL Plasticizer 4G0	S&I	N	N	N		N	N	N
FLEXOL Plasticizer B-400	EOD	N	N	N		N	N	N
FLEXOL Plasticizer FP-8	SCP	N	N	N		N	N	N
FLEXOL Plasticizer EP0	SCP	N	N	N		N	N	N
FLEXOL Plasticizer LOE	SCP	N	N	N		N	N	N
FLEXOL Plasticizer TOF	SCP	N	N	N		N	N	N
FLUID AP	EOD	N	N	N		N	N	N
Formaldehyde	CM	N	2	N		38C-4A1-R2	Tentative	S-327 Validated
Formic Acid	CM	N	5	N		N	N	S-173 Validated
Glutaraldehyde	SCP	0.2	N	N		38C-4Q5-R2a	Unclassified	N
Glutaric Anhydride	SCP	N	N	N				
Glycerine	SUI	N	MIST 10 mg/M3	N		N	N	N

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CHEMICAL	DIV	CEIL	TLV TWA	STEL	METHOD			NIOSH CLASS
					UCC	NO	CLASS	
Glycerol Triacetate	S&I	N	N	N	N	N	N	N
Glycol Diacetate	S&I	N	N	N	N	N	N	N
Hexamethylenetetramine	CM	N	N	N	N	N	N	N
Hexyl CARBITOL	SCP	N	N	N	N	N	N	N
Hexyl CELLOSOLVE	SCP	N	N	N	N	N	N	N
Hexylene Glycol	S&I	25	N	N	38C-6T3-R2	Unclassified	N	N
Hexylene Glycol Diacetate	S&I	N	N	N	N	N	N	N
Hydrogen	S&I	X	Asphyxiant	N	N	N	N	N
Hydroxyethyl Cellulose See CELLOSIZE Hydroxyethyl Cellulose								
Isobutanol	S&I	N	50	75	N	N	S-64	Validated
Isobutyl Acetate	S&I	N	150	175	N	N	S-44	Validated
Isobutyl Acrylate	CM	N	N	N	38C-2Cl-R2.1	Accepted	N	N
Isobutyl Heptyl Ketone	S&I	N	N	N	N	N	N	N
Isobutyraldehyde	S&I	N	N	N	N	N	N	N
Isopentaldehyde	S&I	N						
Valeraldehyde	60%	N	50	N	N	N	N	N
2-Methyl-1-Butyraldehyde	35%	N	N	N	N	N	N	N
3-Methyl-1-Butyraldehyde	5%	N	N	N	N	N	N	N

CHEMICAL	DIV	CETL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	CLASS
Isopentanoic Acid	S&I	N	N	N	N	N	N
Valeric Acid		N	N	N	N	N	N
2-Methyl-1-Butyric Acid		N	N	N	N	N	N
3-Methyl-1-Butyric Acid		N	N	N	N	N	N
Isophorone	S&I	5	N	N	38C-N1C1-R2	Unclassified S-367	Validated
Isopropanol	S&I	N	400	500	N	S-65	Validated
Isopropenyl Acetate (Methyl Vinyl Acetate)	SCP	N	N	N	N	N	N
Isopropyl Acetate	S&I	N	250	310	N	N	N
Isopropylamine	EOD	N	5	10	N	221 S-147	Proposed Validated
Isopropyl Cellosolve	CM	N	N	N	N	N	N
Isopropyl Ether	S&I	N	250	310	N	S-368	Validated
KROMFAX Solvent (Thiodiethylene Glycol)	SCP	N	N	N	N	N	N
Linear Alcohols	EOD	N	N	N	N	N	N
Mesityl Oxide	S&I	N	15	25	N	S-12	Validated
Methacrylic Acid	CM	N	20	N	N	N	N
Methanol	E&HC	N	S-200	S-250	N	247 S-59	Proposed Validated
2-Methoxy-3,4-Dihydro-2-Pyran	SCP	N	N	N	N	N	N
Methoxytriethylglycol	EOD	N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	CLASS
Methyl Amyl Alcohol	S&I	N	S-25	S-40	N	S-60	Validated
2-Methyl-1-Butanol	S&I	N	N	N	N	N	N
2-Methylbutyraldehyde	S&I	N	N	N	N	N	N
Methyl CARBITOL	EOD	N	N	N	N	N	N
Methyl CELLOSOLVE	EOD	N	S-25	S-35	38C-1181-R2	S-79	Validated
Methyl CELLOSOLVE Acetate	S&I	N	S-25	S-35	N	S-39	Validated
Methyl Chloride	SUI	N	50	100	N	201 S-99	Proposed Validated
N-Methyldiethanolamine	SCP	N	N	N	N	N	N
N-Methylethanolamine	SCP	N	N	N	N	N	N
Methyl Ethyl Ketone	S&I	N	200	300	N	127 S-3	Accepted Validated
Methyl Formate	CM	N	100	150	N	S-291	Validated
Methyl Isobutyl Ketone	S&I	N	50	75	38C-582-R2	S-18	Validated
Methyl Isopropyl Ketone	SCP	N	200	N	N	N	N
Methyl Methacrylate	CM	N	100	125	38C-201-R2.1	S-43	Validated
N-Methylmorpholine	SUI	N	N	N	N	N	N
2-Methylpentaldehyde	SCP	N	N	N	N	N	N
2-Methyl-1-Pentanol	S&I	N	N	N	N	N	N

CHEMICAL DIV	DIV	TLV		STEL	METHOD			
		CELL	TWA		UCC		NIOSH	
					NO	CLASS		NO
Methyl Phenyl Ketone	S&I	N	N	N	N	N	N	N
Methyl Propyl Ketone	SCP	N	200	250	N	N	N	N
Alpha-Methyl Styrene	S&I	N	500	100	N	N	S-26	Validated
Monoethanolamine	EOD	N	3	6	N	N	270	Proposed
Monoethylamine	EOD	N	10	N	38C-7A2-R2	Unclassified	N	N
Monoisopropylamine	EOD	N	N	N	N	N	N	N
MORLEX Corrosion Inhibitors	SCP							
Naphtha	E&HC	N	300	375	N	N	S-28	Validated
Cyclohexane	1.0%	N	400	500	N	N	S-89	Validated
n-Heptane	8.0%	N	100	125	N	N	S-90	Validated
n-Hexane	13.0%	N	400	500	N	N	S-94	Validated
Methylcyclohexane	2.0%	N	200	250	N	N	N	N
n-Nonane	2.0%	N	300	375	N	N	S-378	Validated
n-Octane	5.0%	N	600	750	N	N	S-379	Validated
n-Pentane	10.0%	N	S-100	S-150	38C-105-R2	Unclassified	S-343	Validated
Toluene	1.7%	N	S-100	S-150	N	N	S-318	Validated
Xylene	1.3%	N						
NIAX Activators	SUI							
NIAX Polyols	SUI							

CHEMICAL	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	NO	NIOSH CLASS
NIAX Blowing Agents	SUI						
11 (Trichlorofluoromethane)		N	1000	1250	N	N	S-102 Validated
11B (PM-3825)							
11C (PM-5458)							
11D (PM-5563)							
12 (Dichlorodifluoromethane)		N	1000	1250	N	N	S-111 Validated
NIAX Catalyst	SUI						
NIAX Isocyanates	SUI						
Pentaerythritolhexamine (Polyamine D)	EOD	N	N	N	N	N	N
1,5-Pentanedio	SCP	N	N	N	N	N	N
2,4-Pentanedione	SCP	N	N	N	N	N	N
n-Pentanol See n-Valeraldehyde	S&I						
n-Pentanoic Acid See Valeric Acid	S&I						
n-Pentanol	S&I	N	N	N	N	N	N
Peracetic Acid	SCP	N	N	N	N	N	N
Phenol	S&I	N	S-5	S-10	N	S-330	Validated

CHEMICAL DIV	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	CLASS
Phenolic Resins							
OH							
Phenyl Alkane F	EOD						
Piperazine	EOD	N	N	N	N	N	N
Polyamine D	EOD	N	N	N	N	N	N
Polyamine HPA No 2 Mixture, (PM-1076)	EOD	N	N	N	N	N	N
Polyamine HPA No 2		N	S-1	N	N	S-276	Validated
Diethylenetriamine		N		N	N		
Polyamine HPA #2	EOD	N	N	N	N	N	N
Polyglycolamine H-163	SCP						
Polyglycoldiamines	SCP						
Polymer JR							
POL YOX	SCP	N	N	N	N	N	N
Polypropylene Glycols	SUI	N	N	N	N	N	N
Polysulfone	SCP	N	N	N	N	N	N
Primary Amyl Acetate	S&I						
n-Amyl Acetate		N	100	150	N	S-51	Validated
2-Methyl-1-Butyl Acetate		N	N	N	N	N	N
3-Methyl-1-Butyl Acetate		N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD						
			TWA	NO		UCC	CLASS	NO	MTOSH	CLASS		
Primary Amyl Alcohol n-Amyl Alcohol (1-Pentanol) 2-Methyl-1-Butanol 3 Methyl-1-Butanol	S&I	N	N	N	N	N	N	N	N	N	N	
			N	N	N	N	N	N	N	N	N	
			N	N	N	N	N	N	N	N	N	N
			N	N	N	N	N	N	N	N	N	N
Propane	E&HC	N	Asphyxiant	N	N	N	N	N	N	N	N	
n-Propanol	S&I	N	S-200	S-250	N	N	N	S-62	Validated			
PROPASOL Solvents PROPASOL Solvent B	SCP											
PROPASOL Solvent BEP												
PROPASOL Solvent DM												
PROPASOL Solvent M												
PROPASOL Solvent P												
Propionaldehyde	S&I	N	N	N	N	N	N	N	N	N	N	
Propionic Acid	S&I	N	10	15	N	N	N	N	N	N	N	

CHEMICAL DIV	DIV	ZELL	TLV		STEC	METHOD		
			TWA	MA		NO	UCC CLASS	MYOSH CLASS
Propiophenone	SCP	N	N	N	N	N	N	N
n-Propyl Acetate	S&I	N	200	250	N	N	N	S-48 Validated
Propylene	E&HC	N	Asphyxiant	N	N	N	N	N
Propylene Glycol	SCP	N	N	N	N	N	N	N
Propylene Oxide	SUI	N	20	UCC 100	38C-K2C-R2	Accepted	S-75	Validated
n-Propyldiethanolamine	SCP	N	N	N	N	N	N	N
n-Propylethanolamine	SCP	N	N	N	N	N	N	N
RADEL	SCP	N	N	N	N	N	N	N
Rapid Water Additive	SCP							
Resin Hardeners	SCP	N	S-1	S-4	N	N	S-276	Validated
ZZL-0806 (Diethylenetriamine)		N	S-	S-4	N	N	S-276	Validated
ZZL-0809 (Diethylenetriamine)		N	N	N	N	N	N	N
ZZL-0822 (Polyglycoldiamine H-221)		N	N	N	N	N	N	N
ZZL-0840 (Triethylenetetramine)		N	N	N	N	N	N	N
ZZL-0806 (Tetraethylenepentamine)		N	N	N	N	N	N	N

CHEMICAL DIV	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	CLASS	NIOSH NO CLASS
SYNASOL Solvents S&I (cont)							
SYNASOL 190 Gov Form 3, PM-3224							
Ethanol SD1 190 Proof							
SD1 is Ethanol 100 Parts			1000	N	N	S-56	Validated
Methanol 4 Parts			S-200	S-250	N	S-59	Validated
M18K 1 Part			50	75	38C-582-R2	S-18	Validated
Ethyl Acetate 85-88%, PM-3640							
PM-3640 is Ethyl Acetate			400	N	N	S-49	Validated
95-98%							
Ethanol SD35A							
200 Proof							
Ethanol SD35A is Ethyl Acetate 4.3 Parts			400	N	N	S-49	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
0.825%			U	U	U	U	U
0.9550%			50	75	38C-582-R2	S-18	Validated
BRONOCO Rubber Solvent							
Methyl Isobutyl Ketone							
SYNASOL 200 Gov Form 1, PM-100							
Ethanol SD1 200 Proof							
SD1 is Ethanol 100 Parts			1000	N	N	S-56	Validated
Methanol 4 Parts			S-200	S-250	N	S-59	Validated
M18K 1 Part			50	75	38C-582-R2	S-18	Validated
Ethyl Acetate 95-98%, PM-3640							
PM-3640 is Ethyl Acetate			400	N	N	S-49	Validated
95-98%							
Ethanol SD35A							
200 Proof							
Ethanol SD35A is Ethyl Acetate 4.3 Parts			400	N	N	S-49	Validated
Ethanol 100 Parts			1000	N	N	S-56	Validated
0.818%			U	U	U	U	U
BRONOCO Rubber Solvent							

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD		
			TWA	UCC		NO	CLASS	NO
SYNASOL Solvents S&I (cont)								
SYNASOL 200 Gov Form 3, PM-509								
Ethanol SDI 200 Proof	96.65%	N	1000	N	N	N	S-56 Validated	
SDI is Ethanol 100 Parts		N	S-200	S-250	N	N	S-59 Validated	
Methanol 4 Parts		N	50	75	38C-582-R2	Unclassified	S-18 Validated	
MIBK 1 Part								
Ethyl Acetate 85-85%, PM-3640	1.51%							
PM-3640 is Ethyl Acetate	90.53%	N	400	N	N	N	S-49 Validated	
95-98%								
Ethanol SD35A	9.47%							
200 Proof								
Ethanol SD35A is Ethyl Acetate 4.3 Parts		N	400	N	N	N	S-49 Validated	
Ethanol 100 Parts		N	1000	N	N	N	S-56 Validated	
BROMOCO Rubber Solvent	0.846%	U	U	U	U	U	U	
Methyl Isobutyl Ketone	0.980%	N	50	75	38C-582-R2	Unclassified	S-18 Validated	
SYNASOL 200 Gov Form 5, PM-1165								
Ethanol SDI 200 Proof	96.39%	N	1000	N	N	N	S-56 Validated	
SDI is Ethanol 100 Parts		N	S-200	S-250	N	N	S-59 Validated	
Methanol 4 Parts		N	50	75	38C-582-R2	Unclassified	S-18 Validated	
MIBK 1 Part		N	100	150	N	N	S-53 Validated	
sec-Butanol	1.96%	N	50	75	38C-582-R2	Unclassified	S-18 Validated	
Methyl Isobutyl Ketone	0.90%	N	U	U	U	U	U	
BROMOCO Rubber Solvent	0.75%	U	U	U	U	U	U	

CHEMICAL DIV	DIV	CELL	TLV	STEL	METHOD		CLASS	NO	CLASS	NO	CLASS
					UCC	NIOSH					
TERGITOL Nontonic Surfactants	E00										
15-S-3		N	N	N	N	N	N	N	N	N	N
15-S-5		N	N	N	N	N	N	N	N	N	N
15-S-7		N	N	N	N	N	N	N	N	N	N
15-S-9		N	N	N	N	N	N	N	N	N	N
15-S-12		N	N	N	N	N	N	N	N	N	N
15-S-15		N	N	N	N	N	N	N	N	N	N
15-S-20		N	N	N	N	N	N	N	N	N	N
15-S-30		N	N	N	N	N	N	N	N	N	N
15-S-40		N	N	N	N	N	N	N	N	N	N
25-L-3		N	N	N	N	N	N	N	N	N	N
25-L-5		N	N	N	N	N	N	N	N	N	N
25-L-7		N	N	N	N	N	N	N	N	N	N
25-L-9		N	N	N	N	N	N	N	N	N	N
25-L-12		N	N	N	N	N	N	N	N	N	N
NP-4		N	N	N	N	N	N	N	N	N	N
NP-7		N	N	N	N	N	N	N	N	N	N
NP-9		N	N	N	N	N	N	N	N	N	N
NP-10		N	N	N	N	N	N	N	N	N	N
NP-13		N	N	N	N	N	N	N	N	N	N
NP-40		N	N	N	N	N	N	N	N	N	N
OP-15		N	N	N	N	N	N	N	N	N	N
TMN-3		N	N	N	N	N	N	N	N	N	N
TMN-6		N	N	N	N	N	N	N	N	N	N
TMN-10		N	N	N	N	N	N	N	N	N	N
XD		N	N	N	N	N	N	N	N	N	N
XH		N	N	N	N	N	N	N	N	N	N
Tetradecanol	SCP	N	N	N	N	N	N	N	N	N	N
Tetraethylene Glycol	E0G	N	N	N	N	N	N	N	N	N	N
Tetraethylenepentamine	E00	N	N	N	N	N	N	N	N	N	N
Tetraethyl-o-silicate	CM	N	N	N	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD		
			TWA	NO		UC	CLASS	NTOSH
				NO		NO	CLASS	NO
Tetrahydrobenzaldehyde	SCP	N	N	N	N	N	N	N
N,N,N,N-tetramethyl-1,3-butanediamine	SUI	N	N	N	N	N	N	N
Toluene	EMHC	N	S-100	S-150	38C-105-R2	Unclassified	S-343	Validated
Tolylenediamine	SUI	N	UCC 0.1	N	N	N	N	N
Tolylene diisocyanate	SUI	N	0.02	N	38C-822N2-R2a	Unclassified	141 326	Operational Operational
Trichlorofluoromethane (UCON 11)	SUI	N	1000	1250	N	N	S-102	Validated
Trichlorosilane	SUI	N	N	N	N	N	N	N
Triethanolamine	EOD	N	N	N	N	N	N	N
Triethylamine	EOD	N	25	40	N	N	221 S-152	Proposed Validated
Triethylene Glycol	EOD	N	N	N	N	N	N	N
Triethylene Glycol Diacetate	S&I	N	N	N	N	N	N	N
Triethylenetetramine	EOD	N	N	N	N	N	N	N
2,6,8-trimethyl-4-nonanol	EOD	N	N	N	N	N	N	N
Tripropylene Glycol	SCP	N	N	N	N	N	N	N
UCAR Aircraft Deicing Fluids See Aircraft Deicing Fluids								
UCAR Bisphenol A	S&I	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	OEL	TLV TWA	STEL	METHOD		
					UCC	NO	NIOSH
					CLASS	NO	CLASS
UCAR Buffering Acid	CM						
UCAR Butyl Phenol	CM	N	N	N	N	N	N
UCAR Flood Freeze 35	SCP						
UCAR Hexa	CM						
UCAR Latexes Adhesive	CM						
150							
151							
152							
153							
154							
165							
166							
172							
173							
183							
189							
872							
Latexes							
130							
131							
134							
167							
350							

CHEMICAL DIV	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	NO	NIOSH CLASS
UCAR Latexes CM (cont)							
							351
							365
							366
							380
							503
							508
							560
							5000
							Mastic & Caulk
							153
							154
							163
							351
							560
							Textil Coating & Binders
							803
							812
							822
							828
							872
							874
							878
							879
							Vehicles
							4029
							4151
							4270
							4312
							4341
							4358
							4362
							4414
							4426

CHEMICAL DIV	DIV	CEIL	TLV		STEEL	METHOD		
			TWA	NO		UCC	CLASS	HIOSH
4431-X						NO	CLASS	NO
4433								
4510								
4512								
4550								
4620								
4630-X								
UCAR Pickling Acid								
CM								
UCAR Runway Deicers								
EOG								
UCAR Runway Deicer, PM-5197								
Ethylene Glycol		Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified	338	Proposed
Urea, 50% Aqueous	50.000%	N	N	N	N			
Water, Demineralized	45.400%							
Sodium Flouride	2.084%							
Tolyltriazole TT-100	0.010%	N	N	N	N	N	N	N
Dipotassium Hydrogen Phosphate	0.500%	N	N	N	N	N	N	N
Dye, Alizarine Astrol B	2.000%	N	N	N	N	N	N	N
	0.006%							
UCAR Runway Deicer 2, PM-5973								
Ethylene Glycol	53.484%	Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified	338	Proposed
Urea, 50% Aqueous	45.000%	N	N	N	N			
Dipotassium Hydrogen Phosphate	1.000%	N	N	N	N	N	N	N
Tolyltriazole TT-100	0.500%	N	N	N	N	N	N	N
Sodium Flouride	0.010%	N	N	N	N	N	N	N
Dye, Alizarine Astrol B	0.006%	N	N	N	N	N	N	N
UCAR Runway Deicer 3, PM-5975								
Ethylene Glycol	59.984%	Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified	338	Proposed
Urea, 50% Aqueous	30.000%	N	N	N	N			
Water, Demineralized	8.500%							
Dipotassium Hydrogen Phosphate	1.000%	N	N	N	N	N	N	N
Tolyltriazole TT-100	0.500%	N	N	N	N	N	N	N
Sodium Flouride	0.010%	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	CELL	TLV		STEL	METHOD		
			TWA	N		UCC	NO	CLASS
UCAR Runway Delcers EOG (cont)								
UCAR Runway Delcer 4, PM-5977								
Ethylene Glycol	59.98%	Vapor 50	Part 10	Part 20	38C-7046-R2a	Unclassified	338	Proposed
Urea, 50% Aqueous	30.00%	N	N	N	N	N	N	N
Water, Demineralized	9.00%	N	N	N	N	N	N	N
Dipotassium Hydrogen Phosphate	1.00%	N	N	N	N	N	N	N
Sodium Fluoride	0.01%	N	N	N	N	N	N	N
Dye, Alizarine Astrol B	0.00%	N	N	N	N	N	N	N
UCARSAN Sanitizers								
UCARSAN Sanitizer 402, PM-5910								
Water, Demineralized	97.68%	0.2	N	N	38C-405-R2a	Unclassified	N	N
UCARCIDE 250 (Glutaraldehyde 50%)	2.00%	N	N	N	N	N	N	N
TERGITOL 15-S-9	0.30%	N	N	N	N	N	N	N
Perfume Compound 46616	0.02%	N	N	N	N	N	N	N
UCARSAN Sanitizer 420, PM-5911								
Water, Demineralized	76.80%	0.2	N	N	38C-405-R2a	Unclassified	N	N
UCARCIDE 250 (Glutaraldehyde 50%)	2.00%	N	N	N	N	N	N	N
TERGITOL 15-S-9	3.00%	N	N	N	N	N	N	N
Perfume Compound 46616	0.02%	N	N	N	N	N	N	N
UCAR Solvent MBE								
n-Butanol	0-3%	S&I	N	N	N	N	S-66	Validated
2-Butanol	4-10%	N	100	150	N	N	S-53	Validated
n-Butyl Acetate	10-20%	N	150	200	N	N	S-47	Validated
2-Butyl Acetate	40-50%	N	200	250	N	N	S-46	Validated
2-Butyl Formate	4-8%	N	N	N	N	N	N	N
Ethyl Butyrate	1-3%	N	N	N	N	N	N	N
Ethyl Propionate	2-7%	N	N	N	N	N	N	N
Isobutyl Propionate	0-1%	N	N	N	N	N	N	N
Methyl-n-Butyrate	3-10%	N	N	N	N	N	N	N
n-Propyl Acetate	5-10%	N	200	250	N	N	S-48	Validated
Propyl Propionate	0-2%	N	N	N	N	N	N	N

CHEMICAL DIV	DIV	CETL	TLV		STEL	METHOD		
			TNA			NO	UCC CLASS	RTOSH CLASS
UCAR Solvent TM	S&I							
UCAR Tanning Agent G-50 See Glutaraldehyde	SCP							
UCAR Thermofluids	EOG							
UCAR Thermofluid, PM-5961								
Water, Deionized								
UCAR Thermofluid 17, PM-1717								
PM-1717 is Ethylene Glycol								
Water, Demineralized								
Potassium Hydroxide								
Boric Acid								
Phosphoric Acid 75%								
Sodium Mercaptobenzothiazole 50%								
UCAR Thermofluid Spec-4, PM-5821								
Ethylene Glycol								
Water, Demineralized								
Potassium Hydroxide								
Boric Acid								
Phosphoric Acid, 75%								
Sodium MBT 50% Aqueous								
UCAR Thermofluid Spec-5, PM-5846								
UCAR Thermofluid 17								
Water, Demineralized								
UCAR Thermofluid 17, PM-1717								
Ethylene Glycol								
Water, Demineralized								
Potassium Hydroxide, Flaked								
Boric Acid								
Phosphoric Acid, 75%								
Sodium MBT, 50%								

CHEMICAL	DIV	ZETL	TLV TWA	STEL	METHOD		
					UCC	NO	CLASS
UCAR Thermofluids EOG (cont.)							
UCAR Thermofluid 17 Spec-1, PM-5766							
Water, Demineralized							
PM-1717 (See PM-1717 above)							
UCAR Thermofluids 17 Spec-2, PM-5767							
Water, Demineralized							
PM-1717 (See PM-1717 above)							
UCAR Thermofluids 17 Spec-3, PM-5819							
Water, Demineralized							
PM-1717 (See PM-1717 above)							
UCAR Thermofluids 17 Spec-5, PM-5846							
Water, Demineralized							
PM-1717 (See PM-1717 above)							
UCAR Thermofluids 17 Spec-6, PM-5849							
Water, Demineralized							
PM-1717 (See PM-1717 above)							
UCAR Wellester TCM	S&I						
UCAR Windshield Deicer	SCP						
UCARIDE Antimicrobials 125LT, PM-5922	SCP						
UCARIDE 250 (Glutaraldehyde 50%)		0.2	N	N	38C-405-R2a	Unclassified	N
Acetone		N	1000	1250	38C-5A1-R2	Unclassified	S-1
Water, Demineralized		N	N	N	N	N	N
EDTA-tet Sodium Salt							
UCON Break Fluids	EOI						
UCON Coating Fluids	EOI						

CHEMICAL DIV	DIV	CELL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	CLASS
UCON Fluorocarbons	SUI						
UCON-11 (Monofluorotrichloromethane)		N	1000	1250	N	S-102	Validated
UCON-12 (Difluorodichloromethane)		N	1000	1250	N	S-111	Validated
UCON-21 (Monochlorodifluoromethane)		N	1000	1250	N	N	N
UCON-113 (Trifluorotrichloroethane)		N	1000	1250	N	S-129	Validated
UCON-114 (Tetrafluorodichloroethane)		N	N	N	N	N	N
UCON Food Freezant	SUI						
UCON Frothers	S&I						
R-122, PM-5706 Isophorone Frother R-23 Frother R-23 is	70.00% 30.00%	5 U	N U	N U	38C-NICI-R2 U	Unclassified U	Validated U
R-133, PM-5670 Methyl Amyl Alcohol Isophorone Residues Isophorone Residues are	70.00% 30.00%	N U	S-25 U	S-40 U	N U	S-60 U	Validated U
R-149, PM-5724 UCON Frother R-70 R-70 is HCO Alcohols No. 2 HCO Alcohols No. 2 are	50.00%	U U U	U U U	U U U	U U U	U U U	U U U
R-206, PM-5793 Methyl Amyl Alcohol UCON Frother R-23 R-23 is	47.0% 53.0%	N U	S-25 U	S-40 U	N U	S-60 U	Validated U

CHEMICAL	DIV	CEIL	TLV TWA	STEL	METHOD		
					UCC	NIOSH	CLASS
					NO	NO	
UCON Frothers S&I (cont)							
R-207, PM-5832							
Isophorone	60.0%	5	N	N	38C-NIC1-R2	Unclassified	S-367 Validated
UCON Frother R-23							
R-23 is		U	U	U	U	U	U
R-210, PM-5897							
Methyl Amyl Alcohol	90.0%	5	N	N	38C-NIC1-R2	Unclassified	S-367 Validated
UCON Frother R-27	10.0%						
R-27 is		U	U	U	U	U	U
UCON Hydrolubes							
UCON Lubricants							
UCON Quenchants							
UCON Rubber Lubricants							
UCON Textile Lubricants							
UCON Polysulfone							
Valeraldehyde		N	50	N	N	N	N
n-Valeric Acid		N	N	N	N	N	N
Vinyl Acetate		N	10	20	38C-2A2.40-R2.1	Unclassified	278 Proposed
Vinyl Cyclohexene		N	N	N	N	N	N
Vinyl Methyl Ether		N	N	N	N	N	N
Vinyl Norbornene		N	N	N	N	N	N

CHEMICAL	DIV	CEIL	TLV	STEL	METHOD		
					UCC	CLASS	NIOSH
					NO		CLASS
WINTER-FLO Coal Aids							
73, PM-5895	SCP						
Winter-Flo Coal Aid 103							
See 103, PM-5882 below							
Water, Demineralized							
93, PM-5969							
Winter-Flo Coal Aid 103							
See 103, PM-5882 below							
Diethylene Glycol							
Water, Demineralized							
101, PM-5855							
Diethylene Glycol							
Propasol Solvent DM							
TERGITOL 15-S-7							
Water, Demineralized							
Triethanolamine, 99%							
102, PM-5868							
Diethylene Glycol							
Propylene Glycol, USP							
Water, Demineralized							
Triethanolamine, 99%							
103, PM-5882							
Ethylene Glycol							
Cellulosolve Solvent							
Water, Demineralized							
Dimethyllethanolamine							
220, PM-5918							
Kerosene							
TERGITOL 15-S-3							
Cellulosolve Solvent							
Xylene, O, M, P							
WP2199A/c1f							