

**NATLSCO****LABORATORY ANALYSIS REPORT**

National Loss Control Service Corporation
Long Grove, Illinois 60049-0075
(708) 540-2488 • Fax (708) 540-4331

ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE JUN. 24, 1992

SAMPLES REC'D JUN. 22, 1992

REQUEST NUMBER 168719

PAGE NUMBER 1 OF REQUEST.

TO: E. R. STEELE
OXYCHEM
P.O. BOX 500
DEER PARK TX 77536

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Front	Micrograms Back	Front	PPM Back
116192V	VINYL CHLORIDE	<1.2	<1.2	<0.03	<0.03
	ETHYLENE DICHLORIDE	Front <0.0044	Back <0.0044	Front <0.08	Back <0.08
216192V	VINYL CHLORIDE	Front <1.2	Back <1.2	Front <0.03	Back <0.03
	ETHYLENE DICHLORIDE	Front <0.0044	Back <0.0044	Front <0.08	Back <0.08
316192V	VINYL CHLORIDE	Front <1.2	Back <1.2	Front <0.04	Back <0.04
	ETHYLENE DICHLORIDE	Front <0.0044	Back <0.0044	Front <0.08	Back <0.08
416192V	VINYL CHLORIDE	Front <1.2	Back <1.2	Front <0.03	Back <0.03

COMMENTS:

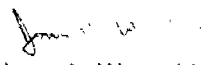
PO# HB350271-024 RM R79739

< MEANS LESS THAN

THE RESULTS WERE CORRECTED FOR THE FOLLOWING DESORPTION EFFICIENCY:

95% - ETHYLENE DICHLORIDE.

Respectfully submitted,


Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 9107



NATLSCO

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DEER PARK

TX 77536

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Front	Back	Front	Back
416192V	ETHYLENE DICHLORIDE	0.0044	0.0044	0.08	0.08
516192V	VINYL CHLORIDE	1.2	1.2	0.04	0.04
		0.0044	0.0044	0.09	0.09
816192V	ETHYLENE DICHLORIDE	0.0044	0.0044	0.09	0.09
		0.0044	0.0044	0.09	0.09
216392V	VINYL CHLORIDE	1.2	1.2	0.03	0.03
		0.0044	0.0044	0.08	0.08
316392V	ETHYLENE DICHLORIDE	0.0044	0.0044	0.10	0.10
		0.0044	0.0044	0.10	0.10

COMMENTS:

POH H0350271-024 RH R79739

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E. R. STEELE
OXYCHEM
P.O. BOX 500
DEER PARK

TX 77536

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Micrograms		PPM	
		Front	Back	Front	Back
416392V	VINYL CHLORIDE	<1.2	<1.2	<0.03	<0.03
		Milligrams		PPM	
		Front	Back	Front	Back
	ETHYLENE DICHLORIDE	<0.0044	<0.0044	<0.08	<0.08
B16392V	BLANK.... VINYL CHLORIDE	NONE DETECTED			
	BLANK.... ETHYLENE DICHLORIDE	NONE DETECTED			

COMMENTS:

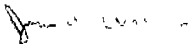
PDH HB350271-024 RH R79739

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 Long Grove, Illinois 60049-0075
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ENVIRONMENTAL SCIENCES LABORATORY, K-2

LABORATORY ANALYSIS REPORTREPORT DATE JUN. 24, 1992SAMPLES REC'D JUN. 22, 1992REQUEST NUMBER 176492PAGE NUMBER 1 OF REQUEST.**TO:**

E. R. STEELE
 OXYCHEM
 P. O. BOX 500
 DEER PARK

TX 77536

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Front	Micrograms Back	Front	PPM Back
116892V	VINYL CHLORIDE	8.0	<1.2	0.23	<0.03
	ETHYLENE DICHLORIDE	Front 0.035	Back <0.0044	Front 0.64	Back <0.08
216892V	VINYL CHLORIDE	Front <1.2	Back <1.2	Front <0.03	Back <0.03
	ETHYLENE DICHLORIDE	Front <0.0044	Back <0.0044	Front <0.08	Back <0.08
316892V	VINYL CHLORIDE	Front 14	Back <1.2	Front 0.36	Back <0.03
	ETHYLENE DICHLORIDE	Front 0.0053	Back <0.0044	Front 0.09	Back <0.07
416892V	VINYL CHLORIDE	Front <1.2	Back <1.2	Front <0.03	Back <0.03

< MEANS LESS THAN

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Joan A. Wronski

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE JUN. 24, 1992SAMPLES REC'D JUN. 22, 1992REQUEST NUMBER 176492PAGE NUMBER 2 OF REQUEST.

TO: E. R. STEELE
 OXYCHEM
 P.O. BOX 500
 DEER PARK

TX 77536

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Front	Back	Front	Back
416892V	ETHYLENE DICHLORIDE	<0.0044	<0.0044	<0.08	<0.08
516892V	VINYL CHLORIDE	Front	Back	Front	Back
		2.2	<1.2	0.06	<0.03
816892V	ETHYLENE DICHLORIDE	Front	Back	Front	Back
		<0.0044	<0.0044	<0.08	<0.08
116992V	BLANK.... VINYL CHLORIDE	NONE DETECTED			
	BLANK.... ETHYLENE DICHLORIDE	NONE DETECTED			
216992V	VINYL CHLORIDE	Front	Back	Front	Back
		<1.2	<1.2	<0.03	<0.03
	ETHYLENE DICHLORIDE	Front	Back	Front	Back
		0.029	<0.0044	0.51	<0.08
	VINYL CHLORIDE	Front	Back	Front	Back
		<1.2	<1.2	<0.03	<0.03
	ETHYLENE DICHLORIDE	Front	Back	Front	Back
		<0.0044	<0.0044	<0.08	<0.08

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National Loss Control Service Corporation
Long Grove, Illinois 60049-0075
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ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE JUN. 24, 1992

SAMPLES REC'D JUN. 22, 1992

REQUEST NUMBER 176492

PAGE NUMBER 3 OF REQUEST.

TO:

E. R. STEELE
OXYCHEN
P.O. BOX 500
DEER PARK

TX 77536

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Micrograms		PPM	
		Front	Back	Front	Back
316992V	VINYL CHLORIDE	<1.2	<1.2	<0.04	<0.04
		Milligrams		PPM	
		Front	Back	Front	Back
	ETHYLENE DICHLORIDE	<0.0044	<0.0044	<0.09	<0.09
816922V	BLANK.... VINYL CHLORIDE	NONE DETECTED			
	BLANK.... ETHYLENE DICHLORIDE	NONE DETECTED			

C MEANS LESS THAN

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Joan A. Wronski, CIH, Manager
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OCC 9112

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

LABORATORY ANALYSIS REPORT

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REQUEST NUMBER 168719

PAGE NUMBER OF REQUEST.

TO:

E. R. STEELE
OXYCHEM
P.O. BOX 500
DEER PARK

TX 77536

	ANALYSIS REQUESTED	METHODOLOGY
	ETHYLENE DICHLORIDE VINYL CHLORIDE	OSHA METHOD 07 EQUIVALENT OSHA METHOD 04

Respectfully submitted,

Joan A. Wronski

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 9113

**NATLSCO**

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

One Kemper Drive
Long Grove, IL 60049-0075 • 708/540-2488

Name Gene Steel
Title Chemist
Firm QXY Chem
Address P.O. Box 500
Deer Park, Tex. 77536
Bus. Tel. No. (713) 476-2419

No. 168719

ANALYSIS REQUEST

#13

FIELD NUMBER	LITERS SAMPLING VOLUME	ANALYZE FOR-	LABORATORY NO.	RESULTS
116192V	14.2	Vinyl Chloride, 1,2-Dichloroethane (EDC)	049646	
216192V	14.0		049647	
316192V	13.4		049648	
416192V	13.9		049649	
516192V	12.1		049650	
B16192V	N/A	Blank	049651	
6392V	13.9	Vinyl Chloride, 1,2-Dichloroethane (EDC)	049652	
316392V	11.1		049653	
416392V	13.8		049654	
B16392V	N/A	Blank	049655	

DATE SAMPLES TAKEN

DATE RECEIVED BY
LABORATORY

6.22.92

DATE COMPLETED

6/24/92

ANALYTICAL METHOD:

COMMENTS:

R79739

PO# HB350271-02L

OCC 9114

GC #33-19 p159-160

SCC

Environmental Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

One Kemper Drive
Long Grove, IL 60049-0075 • 708/540-2488

Name Gene Steel
Title Chemist
Firm OXY Chem
Address P.O. BOX 500
Deer Park, TX 77536
Bus. Tel. No. (713) 476-2419

No. 176492

ANALYSIS REQUEST

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR-	LABORATORY NO.	RESULTS
116892V	13.7	VINYL Chloride 1,2 Dichloroethane (EDC)	049659	
216892V	13.8		049660	
316892V	14.7		049661	
416892V	14.3		049662	
516892V	14.2		049663	
816892V	N/A	Blank	049664	
16992V	13.9	VINYL Chloride 1,2 Dichloroethane (EDC)	049665	
216992V	13.9		049666	
316992V	12.5		049667	
816992V	N/A	Blank	049668	

COMMENTS:

DATE SAMPLES TAKEN

DATE RECEIVED BY
LABORATORY

DATE COMPLETED

ANALYTICAL METHOD:

OCC 9115

Ship To • Environmental Sciences Laboratory K2
Route 22 and Kemper Drive
Long Grove, IL 60049 0075
Attn: Joan Wronski



Occidental Chemical Corporation

As Agent For
Occidental Electrochemicals Corporation

Blanket Order Release/
Requisition

Vendor • National Loss Service Corp.
Long Grove, IL 60049 0075

Release the following items in accordance with the dates and specifications listed below. All other terms and conditions applying to the original order continue to remain in effect.

Render separate invoices in Duplicate for each order number As Per Our Blanket Order Instructions. Acknowledgement, Invoice, correspondence, and each package, case, etc. must bear the blanket order, release and requisition (R) numbers to process payment.

GCA 30 - 30

BLANKET ORDER NO. HB350271-024	WORK ORDER NO.	DATE RELEASED	REQUIRED DATE	SHIP DATE 6-18-92	REQUISITION NO. R 79739			
RELEASED BY Gene Steele	PHONE NO.	STATION NO.	APPROVED BY	PRINT YES NO				
DELIVER TO			CONFIRMED WITH (VENDOR REP)					
LOC	G/L	EX	C/C	MTL	SUB	REPAIR	SPECIAL INSTRUCTIONS	
2	6	7	2	1	4	9	9 6 1	

STOCK NO	ITEM	QUANTITY	U/M	DESCRIPTION	PRICE
		20	EA	CHARCOAL Tubes for Vinyl Chloride and 1,2 Dichloroethane (EDC) Analysis Numbered as follows: 116192V, 216192V, 316192V, 416192V, 516192V, B16192V, 216392V, 316392V, 416392V, B16392V, 116892V, 216892V, 316892V, 416892V, 516892V, B16892V, 116992V, 216992V, 316992V, B16992V	
				Analysis Request # 176492	168719 \$
RELEASE COMPLETED	DATE	RELEASE NO	REVIEW DATE	Occidental Chemical Corporation	
REQUISITION NO R 79739	RELEASE ENTRY BY	DATE	Per Eugene R. Steele		

OCC 9116

SOURCE