



NATLSCO

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

ENVIRONMENTAL SCIENCES LABORATORY, K-2

LABORATORY ANALYSIS REPORT

REPORT DATE OCT. 26, 1992

SAMPLES REC'D OCT. 20, 1992

REQUEST NUMBER 178420

PAGE NUMBER 1 OF REQUEST.

TO:

MARK A. CHAMPAGNE
OCCIDENTAL CHEMICAL CO.
P.O. DRAWER CC
INGLESIDE TX 78362

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
101492-1	BLANK.... ETHYLENE DICHLORIDE BLANK.... VINYL CHLORIDE	NONE DETECTED NONE DETECTED			
101492-2	ETHYLENE DICHLORIDE	Front	Milligrams Back	Front	PPM Back
		0.023	<0.0045	0.50	<0.10
	VINYL CHLORIDE	Front	Micrograms Back	Front	PPM Back
		<1.5	<1.5	<0.05	<0.05
101492-3	ETHYLENE DICHLORIDE	Front	Milligrams Back	Front	PPM Back
		0.025	<0.0045	0.53	<0.09
	VINYL CHLORIDE	Front	Micrograms Back	Front	PPM Back
		1.9	<1.5	0.06	<0.05
101492-4	ETHYLENE DICHLORIDE	Front	Milligrams Back	Front	PPM Back
		0.19	<0.0045	4.2	<0.10
	VINYL CHLORIDE	Front	Micrograms Back	Front	PPM Back
		38	2.5	1.4	0.09
101492-5	ETHYLENE DICHLORIDE	Front	Milligrams Back	Front	PPM Back
		<0.0045	<0.0045	<0.10	<0.10

COMMENTS:

ALL SAMPLES HAVE PREFIX "MAC".

C MEANS LESS THAN

THE RESULTS WERE CORRECTED FOR THE FOLLOWING DESORPTION EFFICIENCY:

95% - ETHYLENE DICHLORIDE.

Respectfully submitted,

Joan A. Wronski
Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 8655

**NATLSCO**

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

LABORATORY ANALYSIS REPORT

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PAGE NUMBER 2 OF REQUEST.

TO:

MARK A. CHAMPAGNE
OCCIDENTAL CHEMICAL CO.
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INGLESIDE TX 78362

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Micrograms		PPM	
		Front	Back	Front	Back
101492-5	VINYL CHLORIDE	<1.5	<1.5	<0.05	<0.05
		Milligrams		PPM	
		Front	Back	Front	Back
101492-6	ETHYLENE DICHLORIDE	0.0082	<0.0045	0.19	<0.10
		Micrograms		PPM	
		Front	Back	Front	Back
	VINYL CHLORIDE	<1.5	<1.5	<0.05	<0.05
		Milligrams		PPM	
		Front	Back	Front	Back
101492-7	ETHYLENE DICHLORIDE	0.026	<0.0045	0.64	<0.11
		Micrograms		PPM	
		Front	Back	Front	Back
	VINYL CHLORIDE	1.5	<1.5	0.06	<0.06
		Milligrams		PPM	
		Front	Back	Front	Back
101492-8	ETHYLENE DICHLORIDE	<0.0045	<0.0045	<0.12	<0.12
		Micrograms		PPM	
		Front	Back	Front	Back
	VINYL CHLORIDE	<1.5	<1.5	<0.06	<0.06

COMMENTS:

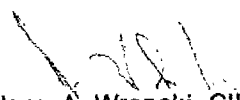
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Respectfully submitted,


Joan A. Wronski, CIH, Manager
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LABORATORY ANALYSIS REPORT

REPORT DATE OCT. 26, 1992

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REQUEST NUMBER 178420

PAGE NUMBER 3 OF REQUEST.

TO:

MARK A. CHAMPAGNE
OCCIDENTAL CHEMICAL CO.
P.O. DRAWER CC
INGLESIDE TX 78362

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Front	Back	Front	Back
101492-9	ETHYLENE DICHLORIDE	<0.0045	<0.0045	<0.11	<0.11
	VINYL CHLORIDE	<1.5	<1.5	<0.06	<0.06
101492-10	ETHYLENE DICHLORIDE	<0.0045	<0.0045	<0.14	<0.14
	VINYL CHLORIDE	<1.5	<1.5	<0.07	<0.07
101492-11	ETHYLENE DICHLORIDE	0.012	<0.0045	0.33	<0.12
	VINYL CHLORIDE	<1.5	<1.5	<0.06	<0.06
101492-12	ETHYLENE DICHLORIDE	0.19	<0.0045	5.3	<0.13

COMMENTS:
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Respectfully submitted,

Joan A. Wronski, CIH, Manager
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ENVIRONMENTAL SCIENCES LABORATORY, K-2

LABORATORY ANALYSIS REPORT

REPORT DATE OCT 26, 1992

SAMPLES REC'D OCT 20, 1992

REQUEST NUMBER 178420

PAGE NUMBER 4 OF REQUEST.

TO:

MARK A. CHAMPAGNE
OCCIDENTAL CHEMICAL CO.
P.O. DRAWER CC
INGLESIDE TX 78362

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Micrograms		PPM	
		Front	Back	Front	Back
101492-12	VINYL CHLORIDE	<1.5	<1.5	<0.06	<0.06
		Milligrams		PPM	
		Front	Back	Front	Back
101492-13	ETHYLENE DICHLORIDE	0.014	<0.0045	0.40	<0.13
		Micrograms		PPM	
		Front	Back	Front	Back
	VINYL CHLORIDE	<1.5	<1.5	<0.07	<0.07

COMMENTS:

ALL SAMPLES HAVE PREFIX "MAC"

< MEANS LESS THAN

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95% - ETHYLENE DICHLORIDE.

Respectfully submitted,


Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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OCC 8658

**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 OCT. 26, 1992

SAMPLES REC'D OCT. 20, 1992

REQUEST NUMBER 178419

PAGE NUMBER 1 OF REQUEST.

TO:

MARK A. CHAMPAGNE
OCCIDENTAL CHEMICAL CO.
P.O. DRAWER CC
INGLESIDE TX 78362

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Milligrams		PPM	
		Front	Back	Front	Back
101292-1	ETHYLENE DICHLORIDE	0.040	<0.0045	11	<1.2
101292-2	ETHYLENE DICHLORIDE	0.038	<0.0045	11	<1.3
101292-3	BLANK.... BLANK	NONE DETECTED			

C 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

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OCC 8659

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

LABORATORY ANALYSIS REPORT

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SAMPLES REC'D OCT. 20, 1992

REQUEST NUMBER 178420

PAGE NUMBER OF REQUEST.

TO:

MARK A. CHAMPAGNE
OCCIDENTAL CHEMICAL CO.
P.O. DRAWER CC
INGLESIDE TX 78362

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

Respectfully submitted,


Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 8660

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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

Name Mark A Champagne
Title Safety / Industrial Hygiene
Firm Oxy Chem Incleside
Address P.O. Drawer CC
Incleside, Texas 78342
Bus. Tel. No. (512) 776-6026

No.178420

ANALYSIS REQUEST

#17 pg 1 of 2

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR--	LABORATORY NO.	RESULTS
MAC101492-1	Blank	EDC, VCM	088946	
MAC101492-2	11.5 L	EDC, VCM	088947	
MAC101492-3	11.8 L	EDC, VCM	088948	
MAC101492-4	11.0 L	EDC, VCM	088949	
MAC101492-5	11.4 L	EDC, VCM	088950	
MAC101492-6	10.7 L	EDC, VCM	088951	
MAC101492-7	10.0 L	EDC, VCM	088952	
MAC101492-8	8.9 L	EDC, VCM	088953	
MAC101492-9	9.9 L	EDC, VCM	088954	
MAC101492-10	8.0 L	EDC, VCM	088955	
MAC101492-11	9.0 L	EDC, VCM	088956	
MAC101492-12	8.7 L	EDC, VCM	088957	
MAC101492-13	8.5 L	EDC, VCM	088958	

DATE SAMPLES TAKEN

10-14-92

DATE RECEIVED BY
LABORATORY

10/20/92

DATE COMPLETED

10-23-92

ANALYTICAL METHOD:

GC 38-24-104

COMMENTS:

EDC = ETHYLENE Dichloride

VCM = Vinyl Chloride Monomer

Results in PPM PLEASE.

all samples have prefix "MAC"

OCC 8661

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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

Name Mark G. Champagne
Title Safety / Industrial Hygiene
Firm Oxy Chem, Ingleside
Address P.O. Drawer C.C.
Ingleside, Texas 78362
Bus. Tel. No. (512) 776-6026

No.178419

ANALYSIS REQUEST

pg 2 of 2

[illegible]

DATE SAMPLES TAKEN _____

10-12-92

DATE RECEIVED BY
LABORATORY

DATE COMPLETED 12-1-78

COMMENTS:

EDC = Ethylene Dichloride
Results in ppm please
Sample MAC101292-1 and MAC101292-2 are STELS.

ANALYTICAL METHOD:

OCC 8662