

**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 REPORTREPORT DATE DEC. 2, 1992SAMPLES REC'D NOV. 23, 1992REQUEST NUMBER 178427PAGE 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	
MAC111792A	ETHYLENE DICHLORIDE	Front	Back	Front	Back
		<0.0044	<0.0044	<0.09	<0.09
	VINYL CHLORIDE	Micrograms		PPM	
		Front	Back	Front	Back
		<1.2	<1.2	<0.04	<0.04
MAC1117922	ETHYLENE DICHLORIDE	Milligrams		PPM	
		Front	Back	Front	Back
		0.014	<0.0044	0.29	<0.09
	VINYL CHLORIDE	Micrograms		PPM	
		Front	Back	Front	Back
		<1.2	<1.2	<0.04	<0.04
MAC1117923	ETHYLENE DICHLORIDE	Milligrams		PPM	
		Front	Back	Front	Back
		0.0030	<0.0044	0.10	<0.09
	VINYL CHLORIDE	Micrograms		PPM	
		Front	Back	Front	Back
		<1.2	<1.2	<0.04	<0.04
MAC1117924	ETHYLENE DICHLORIDE	Milligrams		PPM	
		Front	Back	Front	Back
		0.0045	<0.0044	0.10	<0.10

< 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 8820



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 DEC. 2, 1992

SAMPLES REC'D NOV. 23, 1992

REQUEST NUMBER 178427

PAGE NUMBER 2 OF REQUEST.

TO:

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

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS			
		Front	Micrograms Back	Front	PPM Back
MAC1117924	VINYL CHLORIDE	<1.2	<1.2	<0.04	<0.04
MAC1117925	ETHYLENE DICHLORIDE	Front	Milligrams Back	Front	PPM Back
		<0.0044	<0.0044	<0.09	<0.09
	VINYL CHLORIDE	Front	Micrograms Back	Front	PPM Back
		<1.2	<1.2	<0.04	<0.04
MAC1117926	ETHYLENE DICHLORIDE	Front	Milligrams Back	Front	PPM Back
		<0.0044	<0.0044	<0.10	<0.10
	VINYL CHLORIDE	Front	Micrograms Back	Front	PPM Back
		<1.2	<1.2	<0.04	<0.04
	ETHYLENE DICHLORIDE	Front	Milligrams Back	Front	PPM Back
		<0.0044	<0.0044	<0.09	<0.09
MAC1117927	VINYL CHLORIDE	Front	Micrograms Back	Front	PPM Back
		<1.2	<1.2	<0.04	<0.04

< 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 8821

**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 DEC. 2, 1992

SAMPLES REC'D NOV. 23, 1992

REQUEST NUMBER 178427

PAGE NUMBER 3 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
MAC1117928	ETHYLENE DICHLORIDE	<0.0044	<0.0044	<0.09	<0.09
	VINYL CHLORIDE	Micrograms		PPM	
		Front	Back	Front	Back
MAC1117929	BLANK.... BLANK	<1.2	<1.2	<0.04	<0.04
		NONE DETECTED			

< 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 8822

**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 DEC. 2, 1992

SAMPLES REC'D NOV. 23, 1992

REQUEST NUMBER 178421

PAGE NUMBER 1 OF REQUEST.

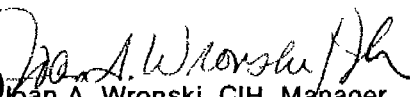
TO:

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

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Milligrams	PPM
WA3846	ETHYLENE DICHLORIDE	0.50	9.8
WA3909	ETHYLENE DICHLORIDE	0.070	1.4
WA4214	ETHYLENE DICHLORIDE	0.48	9.4
WA4006	ETHYLENE DICHLORIDE	0.084	1.5
WA3910	ETHYLENE DICHLORIDE	0.097	1.7
WA3968	ETHYLENE DICHLORIDE	0.034	0.60
WA3858	ETHYLENE DICHLORIDE	0.18	3.1
WA4135	ETHYLENE DICHLORIDE	0.44	8.6
FH2136	ETHYLENE DICHLORIDE	0.050	1.2
FH2521	ETHYLENE DICHLORIDE	0.021	0.53
FH2873	ETHYLENE DICHLORIDE	0.049	1.2
FH2069	ETHYLENE DICHLORIDE	0.28	7.4
WA3603	BLANK.... BLANK	NONE DETECTED	

< MEANS LESS THAN

Respectfully submitted,


Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 8823

**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 DEC. 2, 1992

SAMPLES REC'D NOV. 23, 1992

REQUEST NUMBER 178427

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 8824

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

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

Name Mark A. Champagne
Title Safety/Industrial Hygiene
Firm Occidental Chemical Corp
Address P.O. Drawer CC
Inglewood TEXAS 78362
Bus. Tel. No. (512) 776-6026
No.178427
ANALYSIS REQUEST

#12 page 2

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR--	LABORATORY NO.	RESULTS
MAC111792-1	12.5L	EDC, VCM	099483	
MAC111792-2	12L	EDC, VCM	099484	
MAC111792-3	12L	EDC, VCM	099485	
MAC111792-4	11.5L	EDC, VCM	099486	
MAC111792-5	11.6L	EDC, VCM	099487	
MAC111792-6	11.3L	EDC, VCM	099488	
MAC111792-7	11.7L	EDC, VCM	099489	
MAC111792-8	11.9L	EDC, VCM	099490	
MAC111792-9	Blank	EDC, VCM	099491	

DATE SAMPLES TAKEN

11-17-92

DATE RECEIVED BY
LABORATORY

11/23/92

DATE COMPLETED

12/1/92

ANALYTICAL METHOD:

COMMENTS:
EDC - Ethylene Dichloride
VCM - ~~the~~ Vinyl Chloride Monomer
Results in PPM Please.

GC 53-23p M, 15

OCC 8825



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 Occidental Chemical Corp.
Address PO Drawer CC
Inglewood Texas 78362
Bus. Tel. No. (512) 776-6026

No.178421

ANALYSIS REQUEST

pg 2 of 2

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR-	LABORATORY NO.	RESULTS
WA 3846	350 PASSIVE	EDC	099492	
WA 3909	350	EDC	099493	
WA 4214	350	EDC	099494	
WA 4006	425	EDC	099495	
WA 3910	425	EDC	099496	
WA 3968	425	EDC	099497	
A 3858	425	EDC	099498	
WA 4135	350	EDC	099499	
FH 2136	350	EDC	099500	
FH 2521	295	EDC	099501	
FH 2873	305	EDC	099502	
FH 2069	295	EDC	099503	
WA 3603	Blank	EDC	099504	

DATE SAMPLES TAKEN

11-18-92

DATE RECEIVED BY
LABORATORY

11/23/92

DATE COMPLETED

EDC - ETHYLENE DICHLORIDE

Results in PPM PLEASE

ANALYTICAL METHOD:

OCC 8826