

State Div. Emergency Gov't. (608) 266-3232
U.S. Nat'l. Response Center (800) 424-8802
Chemtrec/Pesticides/Chlorine (800) 424-9300

Spill ID Number
890515-03
Y Y M M D D 0-99

04-38-043682

MAY 22 1989

Date of Incident <u>5-15-89</u>	Day of Week <u>MON.</u>	Time of Incident <u>4:00</u>	<input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Reported By (Name) <u>MARINETTE FIRE DEPT.</u>	Telephone Number <u>(715) 735-3342</u>
Date Reported <u>5-15-89</u>	Day of Week <u>MON.</u>	Time Reported <u>4:50</u>	<input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Agency or Firm Reporting	Reported thru Div. Emergen. Gov't. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Substance Involved <u>XYLENE</u>	Quantity <u>10</u>	Units <u>GALLONS</u>	Person or Firm Responsible <u>SPECIALTY CHEM CORP.</u>
Substance Involved <u>SULFURIC ACID</u>	Quantity <u>10</u>	Units <u>GALLONS</u>	Contact Name <u>DR. LEONARD MOORE.</u>
			Telephone Number <u>(715) 735-9033</u>

Physical Characteristics

Solid Liquid Gas Semisolid Gas

Color _____ Odor _____

Address - Street or Route
SPECIALTY CHEM. CORP.

City, State, Zip Code
#2 STANTON ST. MARINETTE, WI 54143

Cause of Incident
OPEN VALVE INSIDE PLANT

Exact Location Description (intersection, mileage, etc.)
SPECIALTY CHEM. #2 STANTON ST. MARINETTE

County Location
MARINETTE $\frac{1}{4}$, $\frac{1}{4}$, Section, Town, Range
SW, NE, 96, T30N, R24E

DNR Dist LMD DNR Area MARINETTE Groundwaters Affected Yes No Potential

Surface Waters Affected Yes No Potential Name of Surface Water
MEMORINEE RIVER

Date District Notified 5-15-89 Day of Week MON. Time District Notified 10:00 A.M. P.M.

District Person Notified L. KRIESE Telephone Number (914) 497-4488

Date Investigated 5-15-89 Day of Week MON. Time Investigated 9:00 A.M. P.M.

Person Investigating MICHAEL S. KITT Telephone Number (715) 732-0101

Action Taken By Spiller

No Action Taken No Notification Investigate

Containment; Type KEPT IN PLANT

Cleanup; Method VENTILATION & MOP UP.

Amount Recovered _____

Monitor _____

Contractor Hired; Name _____

Other Action _____

Spill Location

Industrial Facility/Paper Mill/Chem. Co.

Gas/Service Station/Garage, Auto Dealer, Repair Shop

Ag Coop/Facility/Cheese Factory/Creamery

Other Small Business (bank, grocery, insurance co., etc.)

Public Property (city, county, state, church, school, etc.)

Utility Co., Power Generating/Transfer Facility

Private Property (home/farm)

Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler

Transportation Accident, Fuel Supply Tank Spill

Transportation Accident, Load Spill

Construction, Excavation, Wrecking, Quarry, Mine

Other _____

Action Taken By DNR

No Action Taken Investigation Supervise/Conduct Cleanup

Spiller Required To Take Action; Type _____

Contractor Hired By DNR; Name _____

Amount Recovered _____

29.29 Enforcement

Spilled Substance Destination

Air

Soil

Groundwater

Surface Water

Storm Sewer

Sanitary Sewer

Contained/Recovered

Other _____

closed
5-18-89

Other Agencies on Scene

Local FIRE DEPT. POLICE DEPT. TRI-CITY RESCUE, MARINETTE CO.

State EMERGENCY GOV'T.

Federal _____

Person Filing This Report (print name)
MICHAEL S. KITT #175

Signature Michael S. Kitt Date Signed 5-15-89

Additional Comments:

A PROCESS UPSET CAUSED A RELEASE OF STEAM, XYLENE, AND SULFURIC ACID TO THE AIR WITHIN THE PLANT. SPILL LASTED APPROX. 30 MINUTES. VALVES WERE SHUT OFF & FLUME WAS DISSIPATED. SEVERAL EMPLOYEES WERE TREATED FOR RESPIRATORY PROBLEMS & RELEASED. EVACUATION PLAN WAS COORDINATED, BUT NOT USED.

CENTRAL OFFICE COORDINATOR

MAY 17 1989 MAY 17 1989

State Div. Emergency Gov't. (608) 266-3232
U.S. Nat'l. Response Center (800) 424-8802
Chemtrec/Pesticides/Chlorine (800) 424-9300

Spill ID Number

Y Y M M D D 0-99

Date of Incident 5-15-89	Day of Week Monday	Time of Incident 3:35	<input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Reported By (Name) Al Wohlferd	Telephone Number (608-) 266-1892
Date Reported 5-15-89	Day of Week Monday	Time Reported 3:45	<input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.	Agency or Firm Reporting	Reported thru Div. Emergen. Gov't. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Substance Involved Xylene		Quantity 500	Units gal	Person or Firm Responsible Specialty Chem. Prod. Corp.	
Substance Involved		Quantity	Units	Contact Name Dr. Leonard Moore	Telephone Number (715) 735-9033

Physical Characteristics

Solid Liquid Semisolid Gas

Color _____ Odor _____

Address - Street or Route
2 Stanton Street

City, State, Zip Code
Marinette

Cause of Incident
Chemical reaction - disapated

Exact Location Description (intersection, mileage, etc.)

Action Taken By Spiller

No Action Taken No Notification Investigate

Containment; Type _____

Cleanup; Method _____

Amount Recovered _____

Monitor _____

Contractor Hired; Name _____

Other Action _____

Facility Related

County Location
Marinette

County Location $\frac{1}{4}$ $\frac{1}{4}$, Section, Town, Range
_____, _____, _____, T _____ N, R _____

DNR Dist | DNR Area | Groundwaters Affected

LMD | mar | Yes No Potential

Surface Waters Affected

Yes No Potential

Name of Surface Water

Spill Location

Industrial Facility/Paper Mill/Chem. Co.

Gas/Service Station/Garage, Auto Dealer, Repair Shop

Ag Coop/Facility/Cheese Factory/Creamery

Other Small Business (bank, grocery, insurance co., etc.)

Public Property (city, county, state, church, school, etc.)

Utility Co., Power Generating/Transfer Facility

Private Property (home/farm)

Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler

Transportation Accident, Fuel Supply Tank Spill

Transportation Accident, Load Spill

Construction, Excavation, Wrecking, Quarry, Mine

Other _____

Date District Notified

Day of Week

Time District Notified A.M. P.M.

District already notified

District Person Notified

Telephone Number
()

Date Investigated

Day of Week

Time Investigated A.M. P.M.

Person Investigating

Telephone Number
()

Action Taken By DNR

No Action Taken Investigation Supervise/Conduct Cleanup

Spiller Required To Take Action; Type _____

Contractor Hired By DNR; Name _____

Amount Recovered _____

29.29 Enforcement

Other Agencies on Scene

Local _____

State _____

Federal _____

Spilled Substance Destination

Air

Soil

Groundwater

Surface Water

Storm Sewer

Sanitary Sewer

Contained/Recovered

Other _____

Person Filing This Report (print name)
Jodi Armstrong

Signature
Jodi Armstrong

Date Signed
5-16-89

Additional Comments:
Dr. Moore notified DNR, NRC, Marinette Fire Dept. and Police Dtp., Sheriff. Everything is alright now. 2 employees and 1 policeperson are in the hospital for precautionary problems.

TOXIC AND HAZARDOUS INCIDENT ALERT FORM

Report Prepared by

AL. WOHLFIRD

1) Date of Incident 5/15/89	2) Time of Incident 3:35 AM	3) Reported by DR. LEONARD MOORE	4) Telephone No. (715) 735-9033
5) Date Reported 5/15/89	6) Time Reported 3:45 PM	7) Person or Firm Responsible Specialty Chem. Products Corp.	
8) Substance Involved Xylene	9) Quantity (unit) EST 500 gal.	10) Contact Name # 3	11) Telephone No. # 4
12) Substance Involved	13) Quantity (unit)	14) Address 2 STANTON ST	
15) Physical Characteristics <input type="checkbox"/> Solid <input type="checkbox"/> Semisolid Odor _____ <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas Color _____		16) City, State, Zip Code MARINETTE, WI	
		17) Weather Conditions ? Wind Speed _____ Direction _____ Precipitation ___ Yes ___ No Temperature _____ Direction of Spill Movement _____	
18) Exact Location (Highways, Intersections, Mileage, Etc.) # 14, # 16			19) County MARINETTE
20) Cause of Incident Chemical reaction?			21) Transportation Related _____ Highway _____ Facility _____ Related <input checked="" type="checkbox"/>
22) If Nuclear Facility - Type of Alert _____ Unusual Event _____ Alert _____ Site Emergency _____ General Emergency			
23) Surface Water Affected ___ Yes ___ No ___ Potential	24) Ground Water Affected ___ Yes ___ No ___ Potential	Agency	Person Contacted
		NR Center /Chemtrec	Telephone No. 800-424-8802
		Agri	
		DEG/Area Director	
25) Distance to - Nearest Water _____ Nearest Well _____ Surface Water Name _____		26) Distance From - Population _____ Medical Care Fac. _____ Correctional Fac. _____ Senior Citizen Center _____	
27) Local Units on Scene <input type="checkbox"/> EG <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Enforcement <input type="checkbox"/> EMS <input type="checkbox"/> Other <input type="checkbox"/> Engineering		DNR	Jody Armstrong Days 266-2141
		DNR	Pager No. 608-275-9049
28) Actions Taken on Scene DR MOORE NOTIFIED DNR NRC MARINETTE FD, PD SHERIFF SITUATION OK		2 employees 1 policeman hospitalized for precaution (burning eyes)	
		DOT/State Patrol	
		H&SS	24 hr. Number 608-266-2830
		NRC	312-932-2500
		PSC	
		DILHR	
		MFGR	

Give a complete account of the alarm including the following: situation on arrival, where the fire started, cause, progress of the fire, any rescue, first aid given, injuries to citizens and firefighters, tools and equipment damaged and any other facts pertaining to the alarm.

Release of Xylene + Sulfuric Acid from building 38. Fume heading for Meno.

Meno. called to check area and possibly evacuate. Emergency govt directors notified.

Value shut off by employees and release was stopped. We stayed on scene until all product in building was cleaned up to a safe state.

Two employees were taken to hospital for treatment, respiratory problems.

Chem Trac also was notified

No evacuation was necessary.

George A. Eggen
OFFICER ON DUTY

NEWS RELEASE

AT 0349 AN ALARM WAS RECEIVED FROM SPECIALTY CHEMICAL. WHEN WE ARRIVED WE WERE INFORMED THAT A VAPOR CLOUD FROM A MIXTURE OF XYLENE AND SULFURIC ACID HAD BEEN RELEASED. MOST OF THE RELEASE WAS CONTAIN^{ED} WITH IN THE PLANT. MARINETTE FIRE NOTIFIED MENOMINEE FIRE, MARINETTE AND MENOMINEE EMERGENCY GOVERNMENT DIRECTOR. A COMMAND POST WAS SET UP ON ANSUL WORMALD INTERNATIONAL PROPERTY BY MARINETTE FIRE. ANOTHER COMMAND POST WAS SET UP AT MENOMINEE SENIOR CENTER BY MENOMINEE FIRE. BECAUSE OF THE VAPOR THAT WAS BEING RELEASED IN TO THE AIR, AN EVACUATION PLAN FOR 8/10 OF A MILE FROM THE MARINETTE PLANT ON THE MENOMINEE SIDE OF THE RIVER WAS BEING IMPLEMENTED. THE VAPOR RELEASE STOPPED WHEN THE VALVES WERE SHUT OFF, THEREFORE THE EVACUATION NEVER TOOK PLACE. THERE WERE SOME EMPLOYEES OF SPECIALTY CHEMICAL COMPANY THAT WERE TREATED AT BAY AREA MEDICAL HOSPITAL. SUPPORT INFORMATION WAS RECEIVED FORM SPECIALTY CHEMICAL COMPANY CHEMIST, CHEMTREC AND THE MARINETTE FIRE COMPUTER.

MARINETTE FIRE DEPARTMENT WOULD LIKE TO MAKE A SPECIAL THANK YOU TO MENOMINEE FIRE, MENOMINEE POLICE, MARINETTE POLICE, MARINETTE SHERIFF DEPARTMENTS, TRI CITY RESCUE SQUAD, MARINETTE AND MENOMINEE EMERGENCY GOVERNMENT DIRECTOR FOR THEIR ASSISTANCE IN THIS EMERGENCY.

ATTN. _____	<input type="checkbox"/> PRETREATMENT WW/2	Date <u>05/5/89</u> M M D D Y Y
<input type="checkbox"/> ENV. ENF. EE/5	<input type="checkbox"/> MUNIC. WASTEWATER SECTION WW/2	Time (24-Hour Clock) <u>09:30</u>
<input type="checkbox"/> PRIV. WATER SECTION WS/2	<input checked="" type="checkbox"/> IND. WASTEWATER SECTION WW/2	Contact Method <input type="checkbox"/> In Person <input checked="" type="checkbox"/> Telephone
<input type="checkbox"/> PUBL. WATER SECTION WS/2	_____ DISTRICT	

Facility Name <u>SPECIALTYCHEM PRODUCTS</u>	Location (Address or 1/4-1/4) <u>MARINETTE</u>	County <u>MARINETTE</u>
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Facility I.D. <u>438008340</u>	WPDES Permit Number _____	District No. <u>4</u>	DNR Person Making Contact <u>OMAN</u>
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Facility Representative Contacted <u>DR. LEONARD MOORE</u>	Title or Position of Representative _____
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Activity Codes <u>SP</u>	Representative's Telephone Number (including area code) <u>715-735-9033</u>
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A PROCESS UPSET CAUSED A RELEASE OF STEAM, XYLENE, AND SULFURIC ACID TO THE ATMOSPHERE. A HYDROXY-ANISOLE REACTION WAS BEING NEUTRALIZED WHEN THE SPILL OCCURED. MOORE FEELS A FAULTY CAUSTIC PUMP OR A FAULTY VALVE ON SULFURIC ACID LINE MAY HAVE TOO MUCH SULFURIC ACID IN THE REACTOR RESULTING IN EXCESSIVE HEAT AND VAPORIZATION. THE SPILL LASTED ABOUT 30 MINUTES (BEGINNING AROUND 3:30 AM 5-15-89). THE WIND PUSHED THE SPILL NORTH INTO MENDOTA MICHIGAN. MOORE INSPECTED THE AREA AND FELT THERE WAS NO DANGER. ABOUT HALF OF THE CONTENTS OF THE REACTOR WERE LOST (~1000 GALLONS OF WATER, XYLENE, H₂SO₄). TWO SP WORKERS IN BLDG AT TIME TAKEN TO HOSPITAL AS PRECAUTION AND ARE BACK TO WORK.

CC: DEBROCK