

NYS DEC Region 7
Oil & Hazardous Material Spill - Fact Sheet
06/03/92

Spill No.: 9202551

Spill Name: PAUL TRINITY

Spill No: 9202551

Spill Date: 06/01/92 Spill Time: 1200

CO Date: 06/02/92 Time: 1545
RO Date: 06/02/92 Time: 1430
Ans Serv Date / / Time: 0

Caller: PETE O'CONNELL
Agency: PAUL TRINITY CORP.

Telephone: 607-753-6041

Material Class: Hazardous material
Petroleum Spilled: Unknown
Other Material: FILMEX

Notifier: _____

Quantity Spilled: 0.00 G
Quantity Recovered: 0.00 G
Spill Cause: Other (see Remarks)
Spill Source: Commercial est. (no petro for sale)

Spill Location: RT. 281 & MCLEAN RD
Municipality: CORTLAND
County: CORTLAND
SWIS Code: 11

Spiller: PAUL TRINITY
Street Address: P.O. BOX 2030
City, State, Zip: CORTLAND, NEW Y
Telephone: 607-753-6041

Waterbody:
Drainage Basin: 0
Resources Affected: Ground water
Notifier: Responsible entity/spiller
Cleaner: No Action Taken

Pin: 0
T&A Code: 0
Cost Center:

Remarks:

DURING EXCAVATION FOUND A PIPE THAT GOES TO A DRY WELL(175 GAL) HAEALTH
DEPT. ERIC JOHNSON WAS CONTACTED. PAUL TRINITY HIRED ENVIRONMENTAL SC
IENCE TO SAMPLE.

Initial Action: Date: 6/1/92

Status: A A

Clean Date: / /

Date I.S.R. sent to C.O.: / /

UST Trust Eligible?: No

Report Taken By: CR

Investigator: CM _____



New York State Department of Environmental Conservation

SPILL REPORT REGION 7

SPILL NAME Paul TrinitySPILL DATE 6/1/92 TIME 1200

PBS NO. (All Tank Leaks) _____

C.O. DATE 6/2/92 TIME 1545R.O. DATE 6/2/92 TIME 1430

ANS. SEV. _____ TIME _____

FIRST CALL A C (R)

PETROLEUM SPILLED

1-Gasoline 5-Diesel 9-PCB Oil
 2-#2 Fuel 6-Jet Fuel 10-Kerosen
 3-#4 Fuel 7-Waste Oil 11-Unknown
 4-#6 Fuel 8-Non PCB Oil (9) Nonpetr.

CLASS OF MATERIAL

1-Petroleum 4-Raw Sewage
 2-Non Petro/Non Hazard 5-Unknown
 3-Hazardous Material

OTHER MATERIAL alcoholUNITS OF AMOUNT: Gallons PoundsAMOUNT SPILLED 111

SPILL LOCATION _____

At. 281 + McLean Rd.MUNICIPALITY CortlandCOUNTY Cortland

NAME OF SPILLER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

PHONE NUMBER _____

SPILL NO. 92-0,2551NOTIFIER'S NAME: Pete O'ConnellNOTIFIER'S AGENCY: Paul TrinityNOTIFIER'S PHONE: 607-753-6041

CALLER'S NAME: _____

CALLER'S AGENCY: _____

CALLER'S PHONE NO.: _____

SPILL CAUSE

1-Human Error 7-Deliberate
 2-Traffic Accident 8-Aband. Drums
 3-Equip. Failure 9-Tk. Failure
 4-Vandalism 10-Tk. Overfill
 5-Tk. Test Failure 11-Other
(6) Housekeeping 12-Unknown

SPILL SOURCE

(1) Comm/Indust. 7-Comm Vehicle
 2-Non Comm/Inst. 8-Tank Truck
 3-Maj Fac 400,000 9-Pvt. Dwg.
 4-PBC Fac 1100 10-Vessel
 5-Gas Station 11-R.R. Car
 6-Pass. Vehicle 12-Unknown

AFFECTED WATER BODY _____

AFFECTED RESOURCE

1-On Land 4-Surface Wtr
 2-In Sewer 5-Air
(3) Groundwater

DRAIN BASIN/SUB BASIN _____

NOTIFIER

(1) Resp. Party 7-Citizen
 2-Affect. Person 8-Health Dept
 3-Police Dept. 9-Local Agcy
 4-Fire Dept. 10-Fed Gov't.
 5-Tank Tester 11-Other (see
 6-DEC remarks)

____ YES ____ NO UST TRUST PROJECT
 ug tank w/gas
 diesel or jet fuel

REMARKS During excavation found a pipe that goes to a dry well (175 gal tank) Health Dept (Eric Johnson) was contacted. Paul Trinity hired Env. Sciences to sample product in dry well & strong odor of alcohol.

REPORT TAKEN BY C. R.SPILL RESPONSE BY P. O'N

Initial Site Investigation Report

Spill No.: 9202551

Date: 6/1/92 Time: 16:00
DEC Inspector: C.F. MANNES
Spiller: PALL Trinity Micro Corp.

Contact Person: Peter M. O'Connell

Telephone: 607-753-6041

Resources Impacted: Grnd-water

Source and Cause of Spill: Floor Drains - Deliberate - thought leaked to Sanitary Sewer

Work to be done by Spiller: _____

Investigation Performed:

☒ Pictures Taken ☐ Samples Collected
☐ Police Report Available ☐ ECO Ticket Issued
☐ Letter of Responsibility Sent
☐ Other (please describe) _____

Was all contamination removed during cleanup? Yes or No No

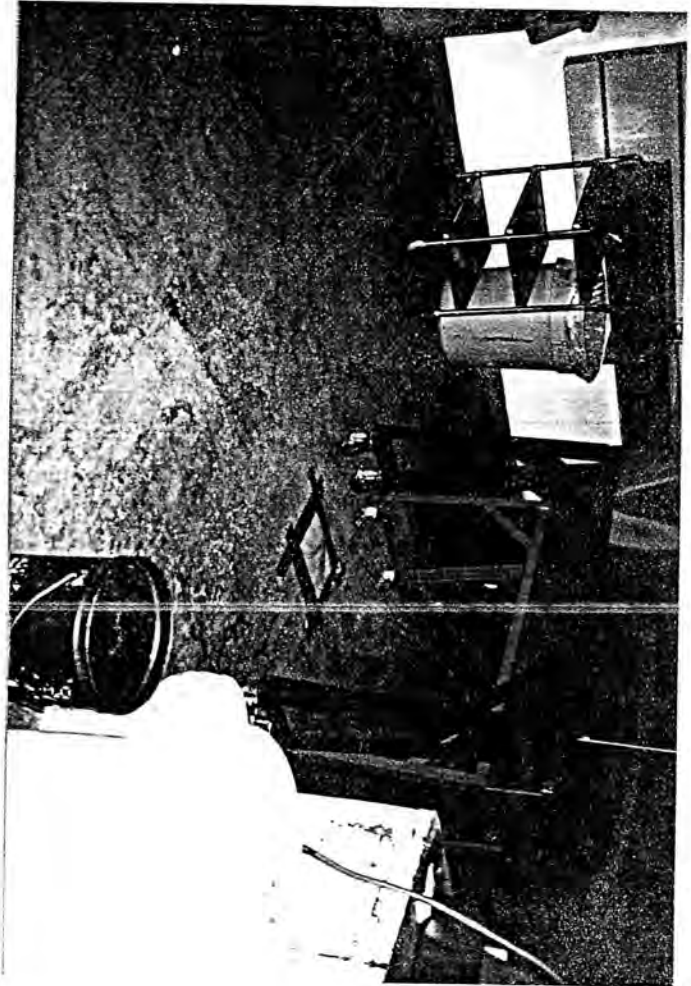
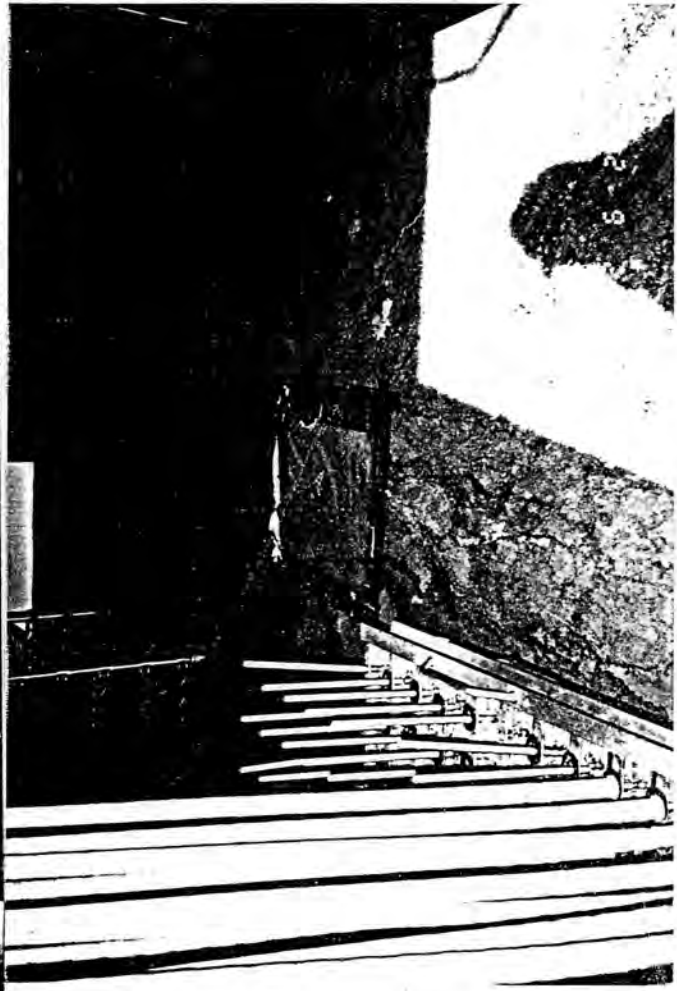
Has contaminated material been disposed? Yes or No No

Is spill over an important aquifer or in your best judgement where private wells or structures may be impacted? (please explain)

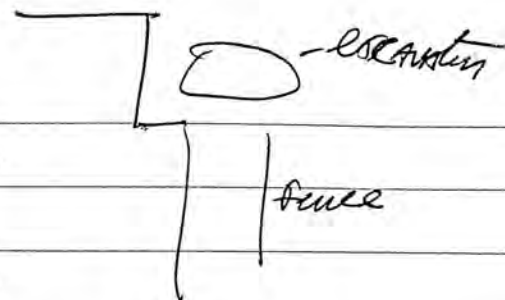
Yes

Conclusion:

- ☐ All contamination removed-Cleanup complete.
☐ Cleanup complete but contaminated material remains on site-Status=Active.
☐ Residual contamination is not a threat to the environment or public health-No further action warranted.
☐ Additional cleanup is necessary-Being pursued.
☐ Initial cleanup action is complete but additional study is needed to determine extent and impact-Send letter.
☐ Other (please describe) _____



6/1/92 - Started



Engineering Sciences - Chris Torell -

1 H₂O - TCL Volatiles - 624

1 Soil - TCL Volatiles 8240

1 Soil - TCLP (VOA)

TCLP SVOA - Pest, Herb, Metals, Ignitables.

PTDW - 1S - Dry well Soil
from 48-604 $\approx$ 2'
@ 1st perforation

PTDW - 2S - Drywell Soil
72"-84"

Filmex - alcohol distilling -

Industrial Permit:
City & Co.

Storm-drains -

but assumed - Sanitary Sewers.

no Drywell

- Planning to put Addition on Bank

- Soil Profile -

assumed Drywell different locations.

This morning -

No idea of installation
270's

(3' water - 125 gal - drum Pumped Hazard)
1" - water
4" - water

Question - about - Spill (1100 gals)
erupting in
171743 55g

Not really - Bulk Storage.

Some ground water - (dilution)

→ This Morning - Virgin Sample

Soil-Sample - 2 samples.

Plans - BACKSILL
- Cover w/ plastic
- Await testing
- Then Remove Drynwell

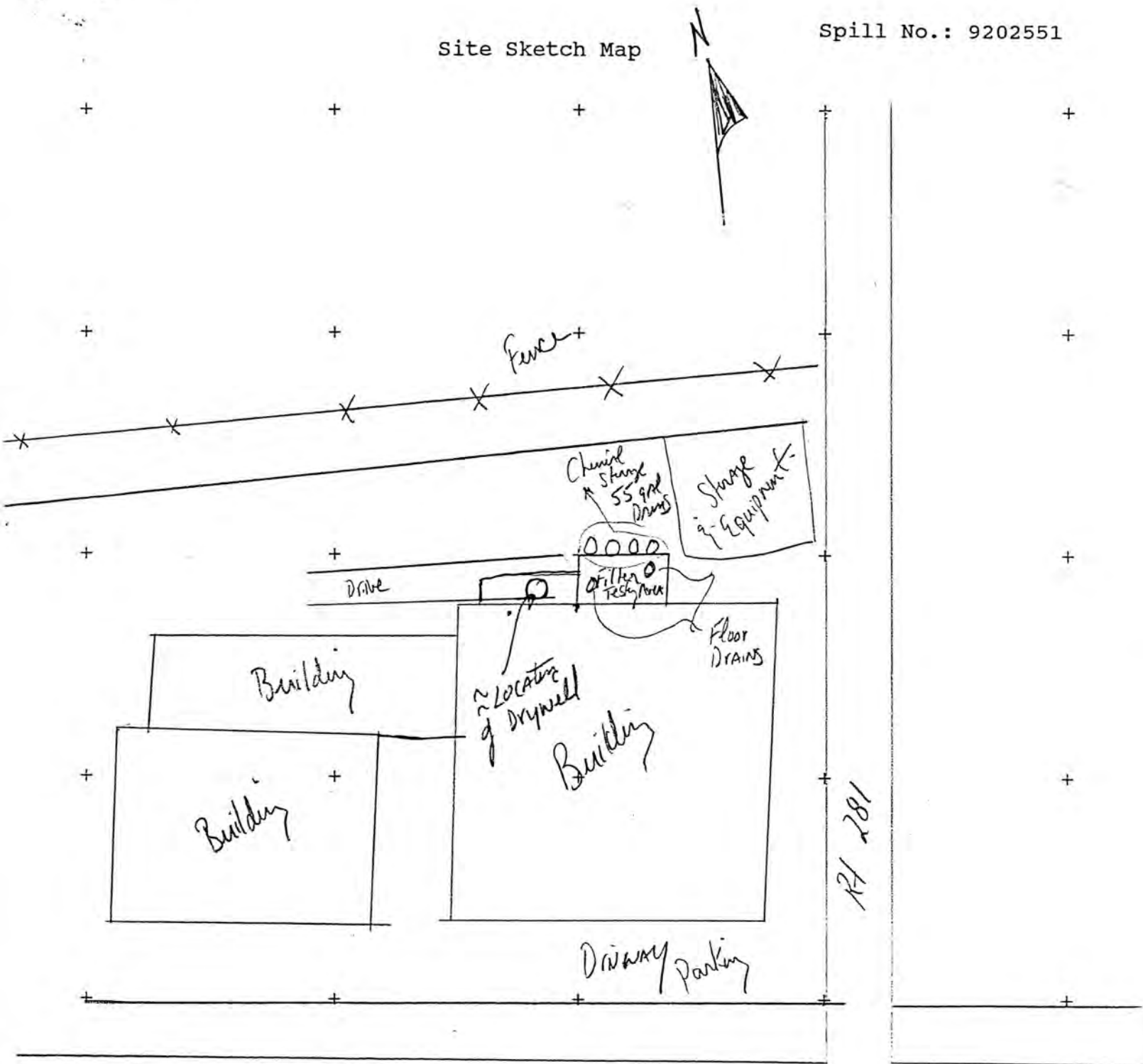
Possibilities - - ~~let soil~~ remove soil
let - "air-out"
"then dispose of - on site"

Listed Site "TCA" - ^{see} "Charlie"

~ 15 days - till - LAB results - 6/02/92

Site Sketch Map

Spill No.: 9202551



Include north arrow and potential receptors.

7-1 07 1988
Quantum Chemical Corp.

U.S. INDUSTRIAL CHEMICALS CO.

Division of National Distillers and Chemical Corporation
MATERIAL SAFETY DATA SHEET

FILMEX ^R B 190 PROOF	
MSDS NO. 1709	DANGER! POISON--CONTAINS METHYL ALCOHOL.
DATE August 7, 1985	VAPOR HARMFUL. MAY BE FATAL OR CAUSE
EMERGENCY NUMBERS:	BLINDNESS IF SWALLOWED. CANNOT BE MADE
USI: 217-253-3311	NON POISONOUS.
CHEMTREC: 800-424-9300	WARNING! FLAMMABLE. KEEP AWAY FROM HEAT,
GENERAL INFORMATION:	SPARKS, FLAME AND ALL OTHER IGNITION
USI: 217-253-3311	SOURCES. VAPOR MAY FORM FLAMMABLE MIXTURES
	WITH AIR. May irritate body tissues. Use
	with adequate ventilation. Avoid breathing
	vapor. Do not get in eyes, on skin, on
	clothing. Wash thoroughly after handling.

SECTION I - IDENTIFICATION

PRODUCT: Denatured Alcohol Solvent 190 Proof Filmex^R B
SYNONYMS: Denatured Alcohol; Denatured Ethanol
CHEMICAL FAMILY: Alcohol

SECTION II - INGREDIENTS

COMPOSITION	CAS RN.	NOMINAL %	PEL/TLV	HAZARD
Ethyl Alcohol	64-17-5	79.6	1000 ppm	Flammable/Nervous System Depressant
Isopropyl Alcohol	67-63-0	4.4	PEL-TWA 400 ppm TLV-TWA 400 ppm; STEL 500 ppm	Flammable/Irritant/ Narcotic
Water	7732-18-5	6.5	None	
Methyl Alcohol	67-56-1	8.6	PEL-TWA 200 ppm TLV-TWA 200 ppm; STEL 250 ppm	Flammable/Poison
Methyl Isobutyl Ketone	108-10-1	0.9	PEL-TWA 100 ppm TLV-TWA 50 ppm; STEL 75 ppm	Flammable/Irritant/ Narcotic

SECTION III - HEALTH INFORMATION

For Pure Ethyl Alcohol

INHALATION: Exposure to over 1000 ppm may cause headache, drowsiness and lassitude, loss of appetite and inability to concentrate. Irritation of the throat.
INGESTION: Can cause depression of central nervous system, nausea, vomiting, diarrhea.
EYE CONTACT: Liquid or vapor may cause irritation.
SKIN CONTACT: May cause irritation and defatting of skin on prolonged contact.
OTHER: Individual responses to methyl alcohol vary. Ingestion of less than 30 ml (0.34 g/kg) has been fatal to humans. In general, a few ounces may cause blindness and death; as little as 4 ml may be toxic if ingested.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL (OSHA Permissible Exposure Limit): Mixture See Section II
TLV (ACGIH Threshold Limit Value): Mixture See Section II

USI MSDS 1709

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SECTION V - EMERGENCY FIRST AID PROCEDURE

FOR OVEREXPOSURE BY:

SWALLOWING: If victim is conscious and able to swallow, have victim drink water or milk to dilute. Never give anything by mouth if victim is unconscious or having convulsions. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. Induce vomiting only if advised by physician or Poison Control Center.

INHALATION: Immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

CONTACT WITH EYES OR SKIN: Immediately flush affected area with plenty of cool water. Eyes should be flushed for at least 15 minutes. Remove and wash contaminated clothing before reuse. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VI - PHYSICAL DATA

BOILING POINT: 173°F*
MELTING POINT: -173°F*
VAPOR PRESSURE: 44.6 mm Hg @ 68°F*
SPECIFIC GRAVITY: 0.813 @ 60°F
VAPOR DENSITY (AIR=1): 1.59*
SOLUBILITY IN WATER: Complete
APPEARANCE AND COLOR: Clear and colorless

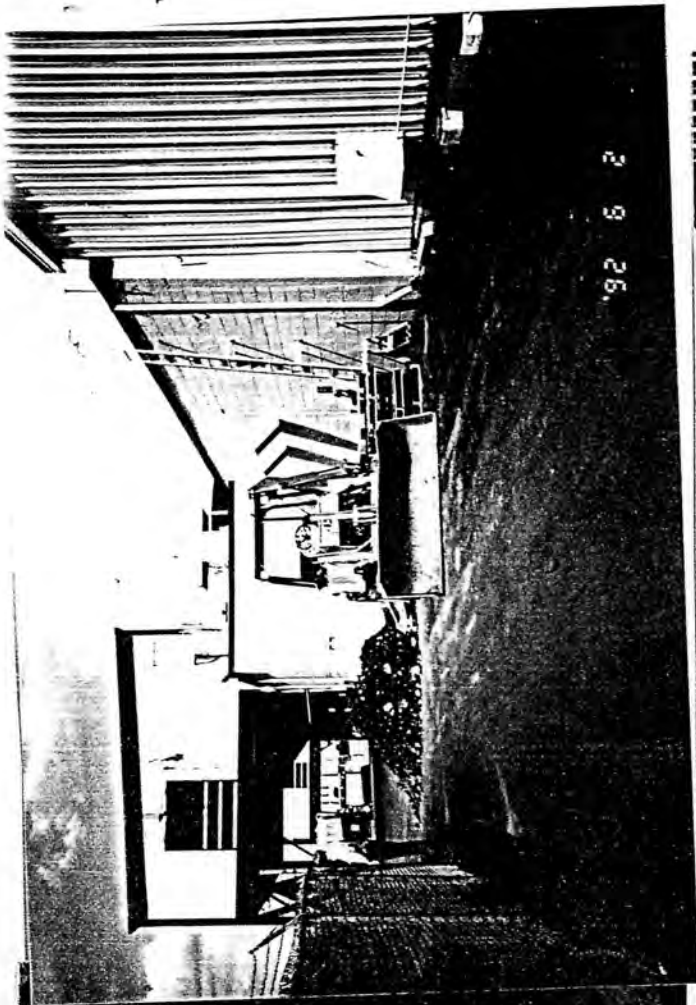
SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 61°F ASTM D-56 (Tag Closed Cup)
AUTO-IGNITION TEMPERATURE: 685°F*
FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER: 3.3*
UPPER: 19*
NFPA RATING: HEALTH (0) FIRE (3) REACTIVITY (0)*
(Does not apply to exposure hazards other than during a fire.)

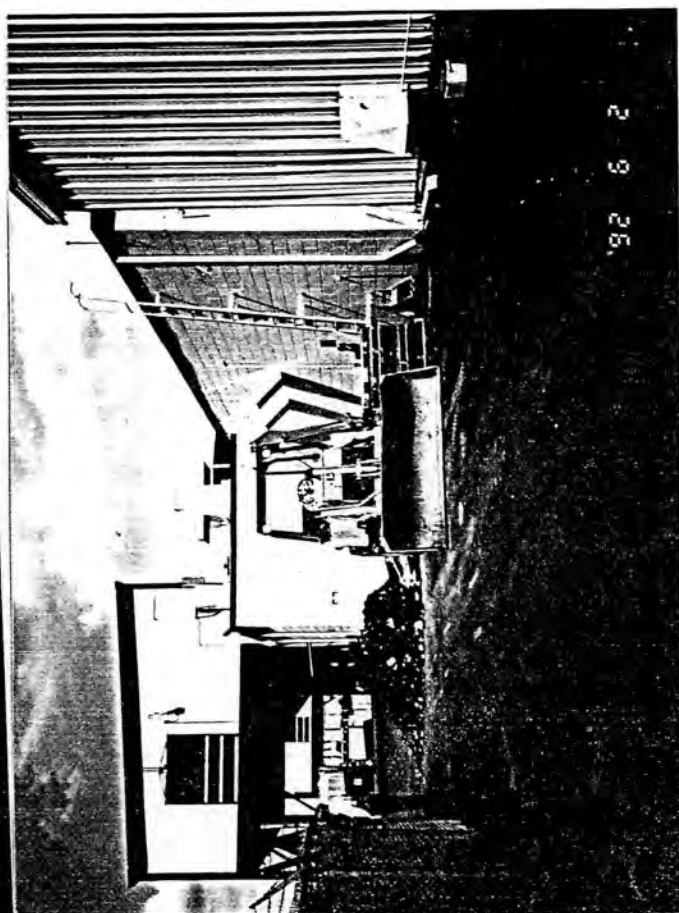
FIRE FIGHTING PROCEDURES: (Note - Individuals should perform only those fire-fighting procedures for which they have been trained.) Use dry chemical, "alcohol" foam, or carbon dioxide; water may be ineffective, but water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures and to dilute spills to nonflammable mixtures (NFPA-49 1975).

UNUSUAL FIRE & EXPLOSION HAZARDS: Firefighters should wear self-contained breathing apparatus in the positive pressure mode with a full facepiece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

* for Pure Ethyl Alcohol



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SECTION VIII - REACTIVITY

STABILITY: Generally stable

HAZARDOUS POLYMERIZATION: Not likely

CONDITIONS & MATERIALS TO AVOID: Contact with acetyl chloride and a wide range of oxidizing agents may react violently.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide can form on incomplete combustion.

SECTION IX - EMPLOYEE PROTECTION

CONTROL MEASURES: Handle in the presence of adequate ventilation.

RESPIRATORY PROTECTION: Where exposure is likely to exceed acceptable criteria use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminant in air and in accordance with OSHA (29 CFR 1910.134)

PROTECTIVE CLOTHING: Wear gloves and protective clothing which are impervious to this product for the duration of anticipated exposure if there is potential for skin contact.

EYE PROTECTION: Wear safety glasses meeting the specifications of ANSI Standard Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes.

SECTION X - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS: Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

SPILL OR LEAK PROCEDURES: Wear appropriate respiratory protection and protective clothing as described in Section IX. Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

WASTE DISPOSAL: All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

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SECTION XI - REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION:

DOT CLASSIFICATION:	Flammable Liquid
DOT PROPER SHIPPING NAME:	Denatured Alcohol
OTHER DOT INFORMATION:	Identification No. NA1986
	Emergency Response Guide No. 26

OTHER REGULATORY REQUIREMENTS:

ATF Distilled Spirits Act

The use of denatured alcohol is controlled by regulations which are defined by the Bureau of Alcohol, Tobacco and Firearms in Title 27. Code of Federal Regulations.

Toxic Substance Control Act

This product is listed in the TSCA Inventory of Chemical Substances.

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

Protect container against physical damage. Detached or outside storage is preferred. Inside storage should be in an NFPA approved flammable liquids storage room or cabinet. All ignition sources should be eliminated. Smoking should be prohibited in storage areas. Electrical installations should be in accordance with Article 501 of the National Electrical Code. NFPA 30, Flammable and Combustible Liquids Code, should be followed for all storage and handling. Frequent careful leakage inspection should be done. Automatic sprinkler system should be provided. Isolate from oxidizers, chemicals capable of spontaneous heating, materials reacting with air or moisture to liberate heat, ignition sources and explosives. Consult local fire codes for additional storage information.

When contents are being transferred, the metallic container must be bonded to the receiving container and grounded to avoid static discharges. Never use pressure to empty. Replace closure securely after each opening.

Keep packaged material out of sun and away from heat. Remove closure carefully; internal pressure may be present. Keep closure up to prevent leakage.

Containers hazardous when emptied. Since emptied containers retain residual product (vapor or liquid), all precautions described on this MSDS must be observed.

For industrial use only. Not for household use.

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which National Distillers and Chemical Corporation bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

PREPARED BY R. J. SpomerDATE August 7, 1985

U.S. INDUSTRIAL CHEMICALS CO.
P. O. Box 218
Tuscola, IL 61953

SUPERCEDES