

ASHLAND CHEMICAL COMPANY -- TRICHLOROETHYLENE DEG COLD/VAP -- 6810-00-678-4418

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Product Identification  
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Product ID:TRICHLOROETHYLENE DEG COLD/VAP

MSDS Date:03/01/1986

FSC:6810

NIIN:00-678-4418

MSDS Number: BFLCM

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL COMPANY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:606-324-1133

CAGE:5A188

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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Composition/Information on Ingredients  
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Ingred Name:TRICHLOROETHYLENE (SARA III)

CAS:79-01-6

RTECS #:KX4550000

Fr

action by Wt: 95%  
OSHA PEL:100 PPM/100 STEL  
ACGIH TLV:50 PPM/100,A5STEL;93  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:STABILIZER

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 4920 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:OVEREXPOSURE MAY CAUSE ANEMIA,LIVER  
ABNORMALITIES,LUNG DAMAGE.SEE ALSO SIGNS & SYMPTOMS OF

OVEREXPOSURE.

Explanation of Carcinogenicity:TRICHLOROETHYLENE IS LISTED  
IARC-3,EPA-2B.

Effects of Overexposure:EYES:SEVERE IRRITATION,REDNESS,TEARING, BLURRED  
VISION;SKIN:MODERATE IRRITATION,DEFATTING,DERMATITIS;INHALATION:  
NASAL & RESPIRATORY  
IRRITATION,DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,HEADACHE, UNCONSCIOUSN  
ESS,ASPHYXIATION,INGESTION:GASTROINTESTINAL IRRITATION,NAUSEA,  
VOMITING,DIARRHEA.

Medical Cond Aggravated by Exposure:RESPIRATORY AND SKIN AILMENTS.

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===== First Aid Measures =====

First Aid:EYES:FLUSH WITH PLENTY OF WATER.SEE DOCTOR; SKIN:REMOVE  
CONTAMINATED CLOTHING.WASH WITH SOAP & WATER;INHALATION:REMOVE TO  
FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR;INGESTION:DO NOT  
INDUCE VOMIT.S EE DOCTOR IMMEDIATELY.

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===== Fire Fighting Measures =====

Extinguishing Media:WATER FOG  
Fire Fighting Procedures:COOL EXPSD CNTNRS W/H2O;WEAR SCBA W/  
PRESSUR-DEMND FACEPIECE

Unusua

I Fire/Explosion Hazard:NEVER USE WELDG/CUTTNG TORCH ON OR NEAR DRUM(EVEN EMPTY)BECAUSE PRODUCT CAN IGNITE EXPLOSIVELY.

===== Accidental Release Measures =====

Spill Release Procedures:SM SPILL:ABSORB LIQD ON VERMICULITE/ COMMERCIAL ABSORBENT,TRNSFR TO HOOD;LARGE SPILL:EVACUATE UNPROTCTD PERSONS. ELIM IGN SOURCES.STOP LEAK AT SOURCE W/O RISK,DIKE AREA THEN PUMP LIQUID TO SALVAGE TAN K.TAKE REMAINING LIQD ON ABSORBENT & SHOVL INTO CO

Neutralizing

Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING.

Other Precautions:EMPTY CONTAINER OF MATERIAL MAY BE HAZ;SINCE EMPTIED CONTNR RETAIN PRODUCT RESIDUE(VAP,LIQ/SOLID),ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

===== Exposure Controls/Perso  
nal Protection =====

Respiratory Protection:NIOSH/MSHA SCBA IF TLV IS EXCEEDED.

Ventilation:MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST TO KEEP BELOW TLV.

Protective Gloves:POLYETHLENE/PVA

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING/BOOTS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.REMOVE AND LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====  
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HCC:T4

Boiling Pt:B.P. Text:189F/87.22C

Vapor Pres:60

Vapor Density:4.5

Spec Gravity:1.462

Evaporation Rate & Reference:3.1 (ETHER=1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR COLORLESS LIQUID,CHLOROFORM LIKE ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

MFR STATES AVOID CONTACT W/STRONG ALKALIES.

Hazardous Decomposition Products:CO,CO2,TOXIC MATL,HCL  
GAS,PHOSGENE,VARIOUS

# HYDROCARBONS,ETC

## ===== Disposal Considerations =====

Waste Disposal Methods:SM SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. DESTROY REMAINS BY BURNING IN IRON PAN. LG SPILL: DESTROY BY LIQUID INCINERATION W. OFF-GAS SCRUBBER. DEPOSIT CONTAMINATED ABSORBENT IN LANDFILL ACCORDING TO LOCAL,STATE & FED REGULATIONS.

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