

VULCAN MATERIALS CO CHEMICALS DIVISION -- ETHYLENE DICHLORIDE -- 6810-00-838-5932  
===== Product Identification =====

Product ID:ETHYLENE DICHLORIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-838-5932

MSDS Number: BFRYK

=== Responsible Party ===

Company Name:VULCAN MATERIALS CO CHEMICALS DIVISION

Address:6200 S RIDGE RD

Box:12283

City:WICHITA

State:KS

ZIP:67277

Country:US

CAGE:24108

=== Contractor Iden

tification ===

Company Name:VULCAN MATERIALS CO CHEMICALS DIVISION

Address:6200 S RIDGE RD

Box:12283

City:WICHITA

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ZIP:67277

Country:US

CAGE:24108

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE DICHLORIDE (SARA III)

CAS:107-06-2

RTECS #:KI0525000

Fraction by Wt: 100%

OSHA PEL:50 PPM/C,100PPM

ACGIH TLV:10 PPM; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

Effects of Overexpo

sure:EYE: IRRIT,INJURY/ SKIN:DERMATITIS.

VAPORS:VOMIT,DIZZY,COMA. INGESTION: BURN THROAT MOUTH.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN,CONSULT PHYSICIAN. SKIN:WASH WITH SOAP & WATER,REMOVE CONTAMINATED CLOTHING. INHALATION:REMOVE FROM EXPOSURE,GIVE ARTIF RESP,CALL PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING, CALL A PHYSICIAN.=

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

Flash Point:

55F/12C (TCC)

Lower Limits:6.2

Upper Limits:15.9

Extinguishing Media:FOAM,CO\*2,CARBON DIOXIDE

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:CONCENTRATED CAN BE IGNITED BY HIGH INTENSITY HEAT SOURCE. DECOMPOSITION PROD HYD CHLORIDE

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

Spill Release Procedures:EVACUATE THE AREA,VENTILATE,AVOID BREATHING VAPORS,CONTAIN SPILL. CLEAN UP AREA (WEAR PROTECTIVE CLOTHING)BY MOPPING O

R WITH ABSORBENT MATERIAL, TRANSFER TO CLOSED CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL, DRY VENTILATE AREA.

PREVENT MOIST AIR FROM ENTERING STORAGE. PIPE VENTS OUTDOORS.

Other Precautions:AVOID CONTACT WITH SKIN & BREATHING VAPORS. VAPORS ARE HEAVIER THAN AIR & WILL COLLECT IN LOW AREAS.

===== Exposure Controls/Personal Protection =====

Ventilation:MECHANICAL

Protective Gloves:NEOPR

ENE/VITON

Eye Protection:CHEM SAFETY GOGGLES

Supplemental Safety and Health

CONTAINER SIZE: 1 GAL BOTTLE

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:182F/83C

Vapor Pres:62

Vapor Density:3.4

Spec Gravity:1.25

Evaporation Rate & Reference:0.27(ETHER)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS CLEAR LIQUID;MILDLY SWEET ODOR.

Percent Volatiles by Volume:100

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

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Stability Indicator/Materials to Avoid: YES  
STRONG ALKALIES, OXIDIZING MATERIALS,  
Hazardous Decomposition Products: HYDROGEN CHLORIDE, PHOSGENE

===== Disposal Considerations =====

Waste Disposal Methods: RECOVERED LIQUIDS MAY BE SENT TO A LICENSED RECLAIMER OR INCINERATED. CONTAMINATED ABSORBENT MATERIAL MUST BE DISPOSED OF IN A PERMITTED WASTE MANAGEMENT FACILITY. CONSULT LOCAL, STATE & FEDERAL DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES.

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