

VULCAN MATERIALS CO -- PERCHLOROETHYLENE,ALL GRADES -- 6810-01-099-3435

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Product Identification
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Product ID:PERCHLOROETHYLENE,ALL GRADES

MSDS Date:11/01/1988

FSC:6810

NIIN:01-099-3435

MSDS Number: BGLSR

=== Responsible Party ===

Company Name:VULCAN MATERIALS CO

Address:NO 1 METROPLEX DR

Box:7689

City:BIRMINGHAM

State:AL

ZIP:35253

Country:US

Info Phone Num:205-877-3000

Emergency Phone Nu

m:316-524-5751

CAGE:1B637

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND INC

Address:2351 CHANNEL AVE

Box:13305

City:MEMPHIS

State:TN

ZIP:38113-1541

Country:US

CAGE:7F544

Company Name:VULCAN MATERIALS CO

Address:NO 1 METROPLEX DR

Box:530390

City:BIRMINGHAM

State:AL

ZIP:35253

Country:US

Phone:316-524-5751

CAGE:1B637

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

CAS:127-18-4

RTECS #:KX3850000
Fraction by Wt: 100.0%
Other REC Limits:NONE
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN &
RESPIRATORY TRACT,GASTROINTESTINAL
DISTURBANCES,HEADACHE,DIZZINESS,NAUSEA,VOMIT,CNS DEPRESSIO
N.
CHRONIC:DERMATITIS,DAMAGE TO LIVER & KIDNEYS. REPRODUCTIVE
TOXICITY:EMBR YOTOXIC,DELAYS DEVELOPMENT OF FETUS.HASNOT CAUSE
BIRTH DEFECTS IN EXPERIMENTAL ANIMALS.
Explanation of Carcinogenicity:PERCHLOROETHYLENE:PROBABLE CARCINOGEN BY
IARC;PROPOSED FOR ADDITION TO 5TH ANNUAL REPORT ON CARCINOGENS BY
NTP.
Effects of Overexposure:SEE HEALTH HAZARD DATA.
Medical Cond Aggravated by Exposure:ACUTE AND CHRONIC LIVER
DISEASE,RYTHM DISORDERS OF THE HEART,NEURITIS.

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

First Aid:EYES:FLUSH EYES WITH PLENTY OF WATER AND SEEK MEDICAL
ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHES;WASH WITH PLENTY OF
WATER AND USE CREAM. INHALATION:REMOVE TO FRESH AIR;SEEK MEDICAL
ATTENTION. INGEST ION:DO NOT INDUCE VOMITING,CONTACT PHYSICIAN
IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishi

ng Media:USE SUITABLE MEDIA FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SCBA AND PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:TOXIC GASES FORMED BY THERMAL
DECOMPOSITION.

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

Spill Release Procedures:EVACUATE AREA.VENTILATE.AVOID BREATHING
VAPORS.USE RESPIRATORY PROTECTION & PROTECTION CLOTHING.DIKE
AREA.CLEAN UP BY MOPPING OR WITH ABSORBENT MATERIAL & TRANSFER TO
CLOSED DISPOSAL CONTAINER.IF SPILL OCCUR INDOORS TURN OFF HEATING
AND A/C EQUIPMENT

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

Handling and Storage Precautions:STORE IN COOL DRY AND WELL VENTILATED
AREA.DO NOT EAT,DRINK OR SMOKE IN WORKING AREA.DO NOT BREATHE
VAPORS/MIST.
Other Precautions:DO NOT WEAR ALUMINUM FOR STORAGE OR TRANSFER.VAPORS
HEAVIER THAN AIR.WILL COLLECT IN LOW AREAS.WEAR RESPIRATORY
PROTECTION.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR OR SCBA AS
REQUIRED FOR EXPOSURE OF CONCERN.
Ventilation:LOCAL EXHAUST TO MAINTAIN TLV/PEL.
Protective Gloves:IMPERVIOUS(AS VITON OR POLYVINYL ALCOHOL)
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:EYE-WASH,SAFETY SHOWER,APRON.
Work Hygienic Practices:AVOID SKIN CONTACT & AVOID BREATHING
VAPORS.WASH THOROUGHLY AFTER HANDLING.REMOVE CONTAMINATED CLOTHING
AND LAUNDRER.
Supplemental Safety and Health
MONITOR EXPOSURE LEVEL
REGULARLY.

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

HCC:T4
Boiling Pt:B.P. Text:250F/121.1C
Vapor Pres:13
Vapor Density:5.8
Spec Gravity:1.62
Evaporation Rate & Reference:0.1 (ETHER=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS,CLEAR LIQUID MILDLY SWEET ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS,BARIUM,LITHIUM.
Stability

Condition to Avoid:EXTREME HEAT,OPEN FLAME,ELECTRIC ARCS.

Hazardous Decomposition Products:HCL,PHOSGENE,CHLORINE.

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

Waste Disposal Methods:RECOVERED LIQUID MAY BE SENT TO A LICENSED RECLAIMER OR INCINERATION FACILITY.CONTAMINATED MATERIAL MUST BE DISPOSED OF IN A PERMITTED WASTE MANAGEMENT.COMPLY WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL REGULATIONS.

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