

TRICHLOROETHYLENE

MSDS Number

BHBGJ

National Stock Number

6810-00-184-4800

Product Name

TRICHLOROETHYLENE

Manufacturer

MALLINCKRODT INC SCIENCE PRODUCT DIV

Product Identification

Product ID:TRICHLOROETHYLENE

MSDS Date:07/13/1987

FSC:6810

NIIN:00-184-4800

MSDS Number: BHBGJ

Responsible Party

MALLINCKRODT INC;SCIENCE PRODUCT DIVISION

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: 62910

Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

Ingredients

TRICHLOROETHYLENE (SARA III)

CAS: 79-01-6

RTECS: KX4550000

Fraction By Weight: 100.0%

OSHA PEL100 PPM/100 STEL

ACGIH TLV: 50 PPM/100,A5STEL;93

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

LD50 LC50 Mixture:ORAL RAT LD50:4920MG/KG

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 OR G.I.TRACT;SEVERE PAIN,REDNESS OF

EYES;DRYNESS OF SKIN;CNS EFFECT LIKE,VISUAL;DRYNESS OF SKIN;CNS

EFFECT LIKE,VISUAL DISTURBANCES AND MENTAL CONFUSION,HEADACHE,NAUSEA,DIZZINESS,VOMITING,DIZZINESS/CHRONIC;LIVER,KIDNEY DAMAGE,CNS EFFECTS.

Explanation of Carcinogenicity:SUSPECTED ANIMALS CARCINOGEN.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Condition Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR.CPR/OXYGEN IF NECESSARY;CONSULT A PHYSICIAN. INGESTION:IF CONSCIOUS,GIVE TWO GLASSES OF WATER;CONSULT A PHYSICIAN IMMEDIATELY,SKIN AND EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15-20 MINUTES,CALL A PHYSICIAN IMMEDIATELY.

Fire Fighting

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:770F

Lower Limits:12.5

Upper Limits:90

Extinguishing Media:WATER SPRAY,CO₂, DRY CHEMICAL,FOAM.

Fire Fighting Procedures:FULL PROTECTIVE CLOTHING AND NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:A STRONG IGNITION SOURCE CAN/PRODUCE IGNITION.

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE LIQUID IF POSSIBLE:REMOVE ALL IGNITION SOURCES;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY AND WELL VENTILATED AREA.KEEP TIGHTLY CLOSED;PROTECT AGAINST PHYSICAL DAMAGE.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL EXHAUSTED/GENERAL TO MAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:IMPERVIOUS APRON;EYE-WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST;WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

Chemical Properties

HCC:T4

Boiling Pt:B.P. Text:188.GF/87C

Melt/Freeze Pt:M.P/F.P Text:-99.4F/-73C

Vapor Pres:57.8

Vapor Density:4.5;AIR=1

Spec Gravity:1.45

Solubility in Water:NEGOTIABLE

Appearance and Odor:CLEAR,COLORLESS LIQUID,CHLOROFORM-LIKE.

Stability

Stability Indicator/Materials to Avoid:YES

ALKALI HYDROXIDES,POWDERED METALS,LIQUID OXYGEN.

Stability Condition to Avoid:EXTREME HEAT,FLAMES.LIGHT.UV LIGHT.

Hazardous Decomposition Products:CO,PHOSGENE AND HCL VAPORS.

Disposal

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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