
1,1,1 TRICHLOROETHANE; CAT.NO.21547

MSDS Number

BBFFM

National Stock Number

6810-00D001402

Product Name

1,1,1 TRICHLOROETHANE; CAT.NO.21547

Manufacturer

HACH COMPANY

Product Identification

Product ID:1,1,1 TRICHLOROETHANE; CAT.NO.21547

MSDS Date:04/14/1986

FSC:6810

NIIN:00D001402

MSDS Number: BBFFM

Responsible Party

HACH COMPANY

100 DAYTON RD

AMES 50010

US

Emergency Phone: 515-232-2533

Info Phone: 303-669-3050

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: 100%

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:10300 MG/KG; ORAL RAT

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO EYES,SKIN,RESPIRATORY TRACT. IT SENSITIZES THE HEART TO

EPINEPHRINE.
Explanation of Carcinogenicity:COMPOUND IS LISTED AS ANIMAL INDEFINITE.
Effects of Overexposure:IRRITANT TO EYES,SKIN,G/T TRACT. NARCOSIS AND
OTHER CENTRAL NERVOUS SYSTEM EFFECTS IF INHALED.

First Aid

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG
DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH
W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE
VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN. DO NOT GIVE
EPINEPHRINE OR RELATED DRUGS

Fire Fighting

Lower Limits:8.0
Upper Limits:10.5
Extinguishing Media:WATER MIST OR SPRAY
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:EMIIS TOXIC FUMES

Accidental Release

Spill Release Procedures:ABSORB LIQUID ON PAPER,CLOTH,VERMICULITE,ETC.
PLACE IN ENCLOSED CONTAINER UNTIL DISPOSAL
Neutralizing Agent:NONE

Handling

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

Exposure Controls

Respiratory Protection:IF EXPOSD TLV,NIOSH/MESA APPR SELF-CNTND BRTHG
APP (POS PR MODE)
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:RUBBER/NEOPRENE
Eye Protection:SAFETY GLASSES
Other Protective Equipment:SAFETY SHOWER & EYE BATH
Work Hygienic Practices:STANDARD CHEMICAL HYGIENE PRACTICES
Supplemental Safety and Health

Chemical Properties

HCC:T4
Boiling Pt:B.P. Text:165F/74C
Vapor Pres:100 MM@20C
Vapor Density:1.46
Spec Gravity:1.345
Solubility in Water:INSOLUBLE
Appearance and Odor:CLEAR COLORLESS LIQUID SWEET ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
OXYGEN RICH ATMOSPHERES, ALAALI METALS (NA,K) ACETONE
Stability Condition to Avoid:HEAT,FLAMES
Hazardous Decomposition Products:PHOSGENE, CHLORIDE FUMES

Disposal

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL,STATE,LOCAL.
REGULATIONS.

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