

HALOTHANE

MSDS Number

CCHVS

National Stock Number

6505-00-854-2504

Product Name

HALOTHANE

Manufacturer

HALOCARBON PRODUCTS CORP

Product Identification

Product ID:HALOTHANE
MSDS Date:09/28/1994
FSC:6505
NIIN:00-854-2504
MSDS Number: CCHVS

Responsible Party

HALOCARBON PRODUCTS CORPORATION

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RIVER EDGE , NJ 07661

US

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Preparer: DR. ARTHUR J. ELLIOTT

Cage: 07644

Contractor

HALOCARBON PRODUCTS CORPORATION

RIVER EDGE, NJ 07661

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Ingredients

HALOTHANE (BROMOCHLOROTRIFLUOROETHANE)

CAS: 151-67-7

RTECS: KH6550000

Fraction By Weight: 100%

ACGIH TLV: 50 PPM; 9596

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): 6700 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION OF LARGE DOSES MAY CAUSE DIZZINESS & DEPRESSED BREATHING; POSSIBLE CESSATION OF BREATHING. CHRONIC: PROLONGED OR REPEATED ANESTHETIC EXPOSURE MAY CAUSE LIVER DAMAGE.
Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:ANESTHESIA, DIZZINESS, DEPRESSED BREATHING.
Medical Cond Aggravated by Exposure:NONE KNOWN.

First Aid

First Aid:INHALATION-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED. GET MEDICAL HELP FROM ANESTHESIOLOGIST. SKIN-WASH WITH SOAP & WATER. EYES-WASH WITH COPIOUS AMOUNTS OF WATER. SEEK MEDICAL HELP. INGESTION-INDUCE VOMITING. CONTACT PHYSICIAN.

Fire Fighting

Flash Point:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS ARE TOXIC AND CORROSIVE.

Accidental Release

Spill Release Procedures:ALLOW SMALL SPILLS TO DISSIPATE WITH GOOD VENTILATION. FOR LARGE SPILLS, WEAR PROTECTIVE EQUIPMENT & ABSORB ON VERMICULITE & THEN PLACE IN CLOSED CONTAINER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID CONTINUED INHALATION OF VAPORS.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.
Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:IMPERVIOUS-NITRILE, PVA.
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

HCC:V1
Boiling Pt:B.P. Text:122F,50C
Vapor Pres:243
Vapor Density:6.9
Spec Gravity:1.87
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS LIQUID WITH ETHEREAL ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
REACTIVE METALS SUCH AS SODIUM, POTASSIUM & FINELY DIVIDED ZINC, ALUMINUM & MAGNESIUM; ESPECIALLY AT HIGH TEMPERATURE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:THERMAL, OXIDATIVE DECOMPOSITION GIVES HALOGEN ACIDS & CARBONYL HALIDES.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:ALLOW SMALL AMOUNTS TO EVAPORATE IN WELL VENTILATED AREA. OBSERVE ALL FEDERAL, STATE, & LOCAL REGULATIONS.

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