

BLACO-TRON TCM

MSDS Number

BBFPL

National Stock Number

6850-00D002044

Product Name

BLACO-TRON TCM

Manufacturer

BARON BLAKESLEE

Product Identification

Product ID:BLACO-TRON TCM

MSDS Date:09/01/1987

FSC:6850

NIIN:00D002044

MSDS Number: BBFPL

Responsible Party

BARON BLAKESLEE

2001 N.JANICE AVE

MELROSE PARK , IL 60160

Emergency Phone: 312-450-3900

Cage: BARON

Contractor

CIBA SPECIALTY CHEMICALS CORP, N. A. / PERFORMANCE

LOS ANGELES, CA 90039-1011

US

818-247-6210/800-873-1138

Cage: 99384

Ingredients

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

Fraction By Weight: 39%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 52%

OSHA PEL500 PPM/C,1000; Z2

ACGIH TLV: 50 PPM, A2; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CYCLOPENTANE

CAS: 287-92-3

RTECS: GY2390000

Fraction By Weight: 9%

OSHA PEL600 PPM

ACGIH TLV: 600 PPM; 9192

Hazards

LD50 LC50 Mixture:LD50 ABOUT 4200 MG/KG (RAT)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:CHRONIC:CAN CAUSE HEADACHE,MENTAL CONFUSION,DEPRESSION,FATIGUE,COUGH,ETC;PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS; ACUTE:PRIMARILY A CENTRAL NERVOUS SYSTEM DEPRESSANT.INHALATION CAUSES IRRITATION,N AUSEA,ETC;EYE CONTACT CAN CAUSE DISCOMFORT OR PAIN.

Explanation of Carcinogenicity:A 1985,NTP,2 YEAR ANIMAL INHALATION STUDY REPORTED CARCINOGENICITY IN MICE & FEMALE RATS.

Effects of Overexposure:INH:SYMPTOMS OF CENTRAL NERVOUS SYSTEM DEPRESSION,LIGHT-HEADEDNESS,NAUSEA,VOMITING,UNCONSCIOUSNESS; EYE/SKIN:IRRITATION; ING:IRRITATION OF THE GASTROINTESTINAL TRACT WITH VOMITING,IF VOMITING RESULTS IN ASPIRATION,CHEMICAL PNEUMONIA COULD FOLLOW.

Medical Cond Aggravated by Exposure:NONE STATED.

First Aid

First Aid:INH:REMOVE TO FRESH AIR,GIVE MOUTH-TO-MOUTH RESUSCITATION IF BREATHING HAS STOPPED,GIVE OXYGEN AS NECESSARY,DO NOT GIVE ADRENALIN(EPINEPHRINE); ING:IF CONSCIOUS,INDUCE VOMITING BY GIVING 2-4 GLASSES O F WATER & TOUCH FINGER TO BACK OF THROAT,TAKE TO A HOSPITAL; EYE:FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MIN,LIFTING EYELIDS; SKIN:WASH WITH SOAP & WATER,REMOVE CONTAMINATED CLOTHING & SHOES.

Fire Fighting

Extinguishing Media:USE PROPER EXTINGUISHING MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS FOR POSSIBLE EXPOSURE TO HYDROCHLORIC & HYDROFLUORIC ACIDS & PHOSGENE.

Unusual Fire/Explosion Hazard:WILL DECOMPOSE AT TEMPERATURE ABOVE 250F.

Accidental Release

Spill Release Procedures:EVACUATE AREA.PROVIDE MAX VENTILATION.UNPROTECTED PERSONNEL SHOULD STAY UPWIND OF SPILL.WEAR PROPER PROTECTIVE CLOTHING.DIKE AREA & CONTAIN SPILL.PREVENT CONTAMINATION OF GROUND & SURFACE WATER.USE SA WDUST OR VERMICULATE,SWEEP INTO CONTAINER & CLOSE.

Handling

Handling and Storage Precautions:DO NOT USE IN POORLY VENTILATED AREAS.KEEP CONTAINERS CLOSED WHEN NOT IN USE.AVOID CONTAMINATION OF WATER SUPPLIES.

Other Precautions:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS.AVOID CONTACT WITH EYES & SKIN.DO NOT TAKE INTERNALLY.DO NOT EAT,DRINK OR SMOKE IN WORK AREAS.

Exposure Controls

Respiratory Protection:NONE REQUIRED FOR ADEQUATELY VENTED WORK SITUATIONS. USE NIOSH-APPROVED PRESSURE-DEMAND SELF-CONTAINED OR SUPPLIED-AIR RESPIRATOR WHERE THE PLACE IS CONFINED,OR ENCLOSED.

Ventilation:LOCAL EXHAUST FOR FILLING ZONES & MECHANICAL FOR STORAGE

AREAS.

Protective Gloves:RECOMMENDED

Eye Protection:SPLASH PROOF GOGGLES

Other Protective Equipment:EYE BATH & SAFETY SHOWER

Work Hygienic Practices:USE NORMAL HYGIENIC PRACTICES.

Supplemental Safety and Health

Chemical Properties

HCC:T4

Boiling Pt:B.P. Text:97.3F/37.1C

Melt/Freeze Pt:M.P/F.P Text:<-31F/-35C

Decomp Temp:Decomp Text:>250F/121C

Vapor Pres:424 MMHG

Vapor Density:4.3

Spec Gravity:1.29

pH:7

Solubility in Water:0.10% (WT)

Appearance and Odor:COLORLESS LIQUID WITH ETHEREAL & FAINT SWEETISH

ODOR

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS & STRONG ALKALIS REACTIVE METAL:POWDERED

ALUMINUM,MAGNESIUM,ZINC,MOLTEN BARIUM,LITHIUM SHAVINGS,ETC.

Stability Condition to Avoid:AVOID TEMPERATURE ABOVE 250F.AVOID

SPARKS,HOT SPOTS,WELDING,FLAMES & CIGARETTES.

Hazardous Decomposition Products:HYDROCHLORIC ACID,HYDROFLUORIC ACID,PHOSGENE.

Disposal

Waste Disposal Methods:CONTAMINATED ABSORBENT MAY BE DISPOSED OF IN A PERMITTED HAZARDOUS WASTE FACILITY.RECOVERED LIQUID MAY BE REPROCESSED OR INCINERATED OR TREATED IN A WASTE MANAGEMENT FACILITY.FOLLOW FEDERAL,STATE & LO CAL REGULATIONS.

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