

BLACO-TRON TMC

MSDS Number

BBFPP

National Stock Number

6850-00D002047

Product Name

BLACO-TRON TMC

Manufacturer

BARON BLAKESLEE

Product Identification

Product ID:BLACO-TRON TMC

MSDS Date:09/01/1987

FSC:6850

NIIN:00D002047

MSDS Number: BBFPP

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: 50.5%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 49.5%

OSHA PEL500 PPM/C,1000; Z2

ACGIH TLV: 50 PPM, A2; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

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:98F/37C
Melt/Freeze Pt:M.P/F.P Text:<-31F/-35C

Decomp Temp:Decomp Text:>250F/121C
Vapor Pres:500
Vapor Density:4.7
Spec Gravity:1.42
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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