

## **BLACO-TRON TF**

### **MSDS Number**

BBFPN

### **National Stock Number**

6850-00D002046

### **Product Name**

BLACO-TRON TF

### **Manufacturer**

BARON BLAKESLEE

### **Product Identification**

Product ID:BLACO-TRON TF

MSDS Date:10/01/1987

FSC:6850

NIIN:00D002046

MSDS Number: BBFPN

### **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: 100%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

### **Hazards**

LD50 LC50 Mixture:LD50 ABOUT 43 G/KG (RAT)

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

Health Hazards Acute and Chronic:LOW TOXICITY,MILD IRRITANT. IT IS AN ANESTHETIC & INHALATION OF HIGH CONCENTRATIONS CAN PRODUCE ASPHYXIATION. AT LEVELS OF ABOUT 2500 PPM IN AIR THERE BEGINS TO BE INTERFERENCE WITH PSYCHOLOGICAL & PS YCHOMOTOR FUNCTIONS,EXPRESSED AS EXCITEMENT & INCOORDINATION.

Effects of Overexposure:LOW CONCENTRATION:HEADACHE,DIZZINESS,NAUSEA; HIGH CONC(>2500 PPM):INTOXICATION,CARDIAC EFFECTS,CENTRAL NERVOUS SYSTEM DEPRESSION; EYE/SKIN:IRRITATION; ING:SIMILAR SYMPTOMS AS FOR INHALATION.

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 AREA.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:N1

Boiling Pt:B.P. Text:117F/47C

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

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

Vapor Pres:5.5 PSIA

Vapor Density:6.5

Spec Gravity:1.57

pH:7

Evaporation Rate & Reference:2.0, ETHER=1

Solubility in Water:0.1% (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 & L OCAL REGULATIONS.

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