

BLACO-TRON TES

MSDS Number

BBFPM

National Stock Number

6850-00D002045

Product Name

BLACO-TRON TES

Manufacturer

BARON BLAKESLEE

Product Identification

Product ID:BLACO-TRON TES

MSDS Date:11/01/1987

FSC:6850

NIIN:00D002045

MSDS Number: BBFPM

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: 95%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 3.6%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

NITROMETHANE

CAS: 75-52-5

RTECS: PA9800000

Fraction By Weight: 0.5%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM; 9192

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 0.8%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

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:NO NOT USE IN POORLY VENTILATED AREAS. KEEP CONTAINERS CLOSED WHEN NOT IS 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:112F/44C

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

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

Vapor Pres:465

Vapor Density:5

Spec Gravity:1.52

pH:7

Evaporation Rate & Reference:2.0, ETHER=1

Solubility in Water:0.02% (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 & LOCAL REGULATIONS.

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