

## **BLACO-TRON DES**

### **MSDS Number**

BBFPH

### **National Stock Number**

6850-00D002041

### **Product Name**

BLACO-TRON DES

### **Manufacturer**

BARON BLAKESLEE

### **Product Identification**

Product ID:BLACO-TRON DES

MSDS Date:10/01/1987

FSC:6850

NIIN:00D002041

MSDS Number: BBFPH

### **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: 93.5%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 2%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 3.5%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

NITROMETHANE

CAS: 75-52-5

RTECS: PA9800000

Fraction By Weight: 1%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM; 9192

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 0.4%

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 OF 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 AREA.

## 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 HYGENIC PRACTICES.

Supplemental Safety and Health

## Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:112F/44C

Melt/Freeze Pt:M.P/F.P Text:<-13F/-35C

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

Vapor Pres:5.6

Vapor Density:5.6

Spec Gravity:1.48

pH:7

Evaporation Rate & Reference:4.2, ETHER=1

Solubility in Water:0.05% (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 SPARKS,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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