

MIDWEST POLYCHEM,LTD(DIST),BARON-BLAKESLEE(MFR). -- BLACO-TRON (R) TF --  
6850-00-319-0834

===== Product Identification =====

Product ID:BLACO-TRON (R) TF

MSDS Date:01/01/1985

FSC:6850

NIIN:00-319-0834

MSDS Number: BDWSD

=== Responsible Party ===

Company Name:MIDWEST POLYCHEM,LTD(DIST),BARON-BLAKESLEE(MFR).

Emergency Phone Num:312-450-3900

CAGE:4S398

=== Contractor Identification ===

Company Name:MIDWEST POLYCHEM LTD, BARON-BLAKE

Address:1502 N 25TH AVE

Box:Cit

y:MELROSE PARK

State:IL

ZIP:60160-1801

Country:US

CAGE:4S398

===== Composition/Information on Ingredients =====

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA  
III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 100%

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9192

Ozone Depleting Chemical:1

===== Hazards Identification =====

LD50 LC50 Mixture:(HMIS-LD50, ORAL, RATS 43,000 MG/KG

Routes of Entry: Inhalation:YES

Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:(1/9/95 HMIS INFORMATION-EYES: MAY

CAUSE CONJUNCTIVITIS, SKIN, PROLONGED OR REPEATED CONTACT CAN CAUSE

IRRITATION, DEFATTING OF SKIN OR DERMATITIS.INHALATION: HIGH LEVELS

CAN CAUSE CENTRAL NERVOUS SYST EM DEPRESSION, CARDIC ARRYTHMIA. AT

LOWCONCENTRATIONS MAY CAUSE HEADACHE. INGESTION: LOW TO MODERATE

TOXICITY. HMIS)

Effects of Overexposure:LIGHT-HEADEDNESS,GIDDINESS,SHORTNESS OF

BREATH,POSSIBLE NARCOSIS,POSSIBLE C

ARDIAC ARRHYTHMIAS(CONC).

(1/9/95 HMIS INFORMATION-EYES: IRRITATION. SKIN: DEFATTING, DERMATITIS. INHALATION: DIZZINESS, DROW SINESS, "HEAVINESS", FLUSHING. AT HIGH LEVELS; INTOXICATION. INGESTION:MAY CAUSE DISCOMFORT. HMIS)

Medical Cond Aggravated by Exposure:(1/9/95 HMIS INFORMATION-DISEASES OF THE LIVER, RETINA, CENTRAL NERVOUS SYSTEM, GENERAL INTESTINAL TRACT OR REPRODUCTIVE ORGANS MAY HAVE INCREASED SENSITIVITY. HMIS)

===== First Aid Measures ===

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First Aid:INHALATION: REMOVE TO FRESH AIR, CALL A PHYSICIAN. DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS. SKIN OR EYE CONTACT: FLUSH WITH WATER.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:N/A, NON-FLAMMABLE

Fire Fighting Procedures:(1/9/95 HMIS INFORMATION-KEEP CONTAINERS COOL WITH WATER SPRAY. WEAR SELF-CONTAINED BREATHING APPARATUS.)

Unusual Fire/Explosion Hazard:(1/9/95 HMIS INFORMATION-FORMS TOXIC

DECOMPOSITION PRODUCTS)

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA- ESPECIALLY LOW PLACES WHERE HEAVY VAPORS MIGHT COLLECT. REMOVE OPEN FLAMES. (HMIS-EVACUATE AREA OF ALL UNPROTECTED PERSONNEL. ABSORB SPILLED MATERIAL WITH AN INERT MATERIAL. SHOVEL (S PARK PROOF) ABSORBENT MATERIAL INTO DRUMS & CLOSE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE CONTAINERS IN A CLEAN, DRY AREA.

DO NOT HEAT ABOVE 125F. (HMIS-AVOID BREATHING VAPORS. VAPORS ARE HEAVY AND MAY ACCUMULATE. HMIS)

Other Precautions:(HMIS INFORMATION-PROTECT CONTAINERS FROM DAMAGE DURING STORAGE, PREVENT LEAKAGE OR SPILLAGE WHICH MAY RESULT IN OXYGEN DEPLETING BELOW LEVELS NECESSARY TO SUSTAIN LIFE. WHEN USED INDOORS OR IN A CONF INED SPACE USE A HALOCARBON DETECTOR.)

===== Exposure Controls/Personal Protection =====

Respiratory Protectio

n:USE AIR MASK IN HIGH CONCENTRATIONS. (HMIS  
INFORMATION-ABOVE 1,000 PPM USE A SELF-CONTAINED BREATHING  
APPARATUS.  
Ventilation:LOCAL EXHAUST WHEN LARGE AMOUNTS ARE RELEASED.MECH.(LOW  
SITE (HMIS-USE ADEQUATE VENTILATION. LOCAL EXHAUST IN SMALL AREA  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GOGGLES  
Supplemental Safety and Health  
ITEM IS TYPE II OF MILITARY SPECIFICATION. (HMIS INFORMATION-FREON 113  
MAY DILUTE OR DISPLACE OXYGEN BELOW LEVELS NECESSARYNT0 SUSTAIN  
LIFE. HMIS)

===== Physical/Chemical Properties =====

HCC:N1  
Boiling Pt:B.P. Text:117.6F  
Vapor Pres:334  
Vapor Density:2.9  
Spec Gravity:1.57  
Solubility in Water:0.02%  
Appearance and Odor:COLORLESS LIQUID- SLIGHT ETHEREAL ODOR  
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
ALKALI OR ALKALINE EART METALS, POWDERED AL,ZN,BE,ETC;  
Stability Condition to Avoid:OPEN FLAMES OR HIGH TEMPERAT  
URES.  
Hazardous Decomposition Products:HYDROCHLORIC AND HYDROFLUORIC ACIDS-  
POSSIBLE PHOSGENE.

===== Disposal Considerations =====

Waste Disposal Methods:EVAPORATE OUTDOORS. DUMP INTO A LANDFILL SITE.

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