View NSN Online: https://aerobasegroup.ae/nsn/6830-01-325-5586

Product ID:T-180, 1,1,2-TRICHLORO-1,2,2-TRIFLUORETHANE MSDS Date:12/06/1991 FSC:6830 NIIN:01-325-5586 **MSDS Number: BQNSL** === Responsible Party === Company Name: FISHER SCIENTIFIC, CHEMICAL MFG DIV Address:1 REAGENT LANE **City:FAIR LAWN** State:NJ ZIP:07410-2802 Countr y:US Info Phone Num:201-796-7100 Emergency Phone Num:201-796-7100;800-424-9300(CHEMTREC) CAGE:1B464 === Contractor Identification === Company Name: FISHER SCIENTIFIC CO. CHEMICAL MFG DIV Address:1 REAGENT LANE Box:City:FAIRLAWN State:NJ ZIP:07410-2802 Country:US Phone:201-796-7100 CAGE:1B464 Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE; (T 180) (SARA III) CAS:76-13-1 RTECS #:KJ4000000 Fraction by Wt: 100% Other REC Limit s:NONE SPECIFIED OSHA PEL:1000 PPM;1250 STEL ACGIH TLV:1000 PPM;1250 STEL **Ozone Depleting Chemical:1** LD50 LC50 Mixture:ORAL LD50 (RAT) IS 43 GM/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS WITH DRYING AND CRACKING. INHALATION: NARCOTIC/SIMPLE ASPHYXIANT. MILD IRRITATION OF UPPER RESPIRATORY TRACT. MAY BE ANESTHETIC AND CAUSE CNS DEPRESSION WITH DROWSINESS AND ARRHYTHMIAS AND DEATH FROM VENTRICULAR FIBRILATION. INGESTION: NARCOTIC EFFECT, CNS DEPRESSION.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS WITH DRYING AND CRACKING. INHALATION: IRRITATION OF UPPER RESPIRATORY TRACT, ANESTHESIA, CNS DEPRESSION, DROWSINESS, ARRHYTHMIAS, ASPHYXIATION, SUDDEN DE ATH FROM VENTRICULAR FIBRILLATION. INGESTION: NARCOTIC EFFECT

, PNEUMONITIS, CNS

DEPRESSION, ARRHYTHMIAS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, IMPAIRED CARDIOVASCULAR FUNCTION, PARTICULARLY CARDIAC ARRYTHMIAS OR IMPAIRED RESPIRATORY FUNCTION MAY BE AT INCREASED RISK FROM EXPOSURE TO THIS MATERIAL.

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA

WITH SOAP AND WATER. GET MEDICAL ATENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. GET MEDICALATTENTION. INGESTION: TREAT SYMPTOMATICALLY AND SUPPORTIVELY. GET MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS TO PREVENT ASPIRATION.

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:1256F Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY,

REGULAR FOAM. FOR LARGER FIRES, USE WATER SPRAY, FOG OR REGULAR FOAM.

Fire Fighting Procedures: MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. DO NOT SCATTER SPILLED MATERIAL WITH HIGH PRESS WATER STREAMS. DIKE FIRE-CONTROL WATER FOR LATER DISPOSAL.

Unusual Fire/Explosion Hazard:USE AGENTS SUITABLE FOR TYPE OF SURROUNDING FIRE. AVOID BREATHING HAZARDOUS VAPORS, KEEP UPWIND. NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:STOP LEAK IF YOU CAN WITHOUT RISK. TAKE UP SPILL WITH SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO CLEAN, DRY CONTAINERS FOR LATER DISPOSAL. KEEP UNNECESSARY PEOPLE AWAY. ISOLATE AREA AND DENY ENTR Y.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions: STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES, KEEP IN TIG HTLY CLOSED CONTAINER. Other Precautions: MAY BURN BUT DOES NOT IGNITE READILY. AVOID CONTACT WITH STRONG OXIDIZERS, EXCESSIVE HEAT, SPARKS, OR OPEN FLAME. Respiratory Protection: SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN WORK PLACE, MUST NOT EXCEED WORKING LIMITS OF RESPIRATOR AND BE JOINTLY APPROVED BY NIOSH AND MSHA. Ventilation: PROVIDE GENERAL DILUTION VENTILATION TO MEET PUB LISHED EXPOSURE LIMITS. Protective Gloves: GLOVES NOT REQUIRED BUT ARE RECOMMENDED. Eye Protection: WEAR SAFETY GOGGLES AND FACESHIELD. Other Protective Equipment: WEAR APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING AND EQUIPMENT TO PREVENT REPEATED/PROLONGED SKIN CONTACT. Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. Supplemental Safety and Health PROVIDE AN EYE WASH STATION AND SAFETY SHOWER WITHIN THE IM MEDIATE WORK AREA FOR EMERGENCY USE. HCC:N1 Boiling Pt:B.P. Text:114F,46C Melt/Freeze Pt:M.P/F.P Text:55.8F,13.2C Vapor Pres:284 @ 20C Vapor Density:6 Spec Gravity:1.6 @ 77F Evaporation Rate & amp; Reference:0.45 (ACETONE=1) Solubility in Water: 0.028% Appearance and Odor: COLORLESS LIQUID. AMMONIA ODOR AT HIGH CONCENTRATIONS.

Stability Indicator/Mater

ials to Avoid:YES
BERYLLIUM, CALCIUM, LITHIUM, MAGNESIUM, POTASSIUM, SAMARIUM, SODIUM, SODIUM-POTASSIUM ALLOY, TITANIUM (POWDERED), ZINC.
Stability Condition to Avoid:STABLE UNDER NORMAL TEMPERATURES AND PRESSURES. AVOID ALKALI METALS, PLASTICS, RUBBER, COATINGS, ALUMINUM, BARIUM, CONT.
Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE TOXIC AND CORROSIVE FUMES OF CHLORIDES, FLUORIDES AND TOXIC OXIDES OF CARBON.

Conditions to Avoid Polymerization:HAS

NOT BEEN REPORTED TO OCCUR UNDER

NORMAL TEMPERATURES AND PRESSURES.

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this informat ion to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.