View NSN Online: https://aerobasegroup.com/nsn/6810-00-551-1487

DOW CHEMICAL U S A GOVERNMENT MARKETING -- 1,1,1-TRICHLOROETHANE, FILM CLEANING GRADE -- 6810-00-551-1487

Product ID:1,1,1-TRICHLOROETHANE, FILM CLEANING GRADE MSDS Date:03/20/1988 FSC:6810 NIIN:00-551-1487 MSDS Number: BFDZF === Responsible Party === Company Name: DOW CHEMICAL U S A GOVERNMENT MARKETING Address:2020 DOW CENTER City:MIDLAND State:MI ZIP:48640-603 0 Country:US Info Phone Num:517-636-4400 Emergency Phone Num:517-635-4400 CAGE:71981 === Contractor Identification === Company Name: DOW CHEMICAL CO Address:100 LARKIN CENTER Box:City:MIDLAND State:MI ZIP:48674 Country:US Phone:800-258-2436 CAGE:96717 Company Name: DOW CHEMICAL U S A Address: BARSTOW BLDG City:MIDLAND State:MI ZIP:48640 Country:US Phone:517-636-4400 CAGE:71981 

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE

) (SARA III) CAS:71-55-6 RTECS #:KJ2975000 Fraction by Wt: 99.9% Other REC Limits:NONE RECOMMENDED **OSHA PEL:350 PPM** ACGIH TLV:350 PPM/450STEL;9394 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS **Ozone Depleting Chemical:1** LD50 LC50 Mixture:LD50 (ORAL RAT) IS 10300 MG/KG Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:ACUTE-EYE:SLIGHT TRA NSIENT IRRITATION WITH CORNEAL INJURY. VAPORS MAY IRRITATE EYE. SKIN: IRRITATION. INGEST: IF ASPIRATED (LIQUID IN LUNGS), LUNGS MAY ABSORB AND INJURE OTHER BODY SYSTEMS. INHALE: IN CO NFINED AREAS OR CONCENTRATIONS AS LOW AS 10,000 PPM, VAPORS CAN CAUSE UNCONSCIOUSNESS & DEATH. CHRONIC-SKIN:BURNS. Explanation of Carcinogenicity: NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN. Effects of Overexposure: EYE: IRRITATION. SKIN: DRYNESS OR FLAKING INHALE: DIZZINESS, DRUNKENNESS, CARDIAC ARRHYTHMIAS & DEATH. INGEST: VOMITING. DIRRHEA. Medical Cond Aggravated by Exposure:NONE First Aid: FIRST AID-EYE: IMMEDIATELY FLUSH WITH WATER FOR 5 MINUTES. SKIN:WASH OFF IN FLOWING WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF HARD TO BREATH, G IVE OXYGEN. CALL A DOCTOR. INGESTION: DONOT INDUCE

VOMITING. CALL A DOCTOR.

Flash Point Method:TOC Flash Point:NONE Lower Limits:7.5 % Upper Limits:15 % Extinguishing Media:USE WATER FOG Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR NIOSH APPROVED POSITIVE PRESSURE SCBA. Unusual Fire/Explosion Hazard:VAPORS OF THIS SOLVENT MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS.

LL LEAKS:MOP UP, WIPE UP, OR SOAK UP IMMEDIATELY. REMOVE TO OUT-OF-DOORS. LARGE SPILL:EVACUATE AREA. CONTAIN LIQUID; TRANSFER TO DOT APPROVED CONTAINER FOR DISPOSAL. KEEP OUT OF WATER SUPPLY. Neutralizing Agent:NONE

Handling and Storage Precautions:STORE-AVOID BREATHING VAPORS. STORE IN COOL, DRY PLACE. CONCENTRATED VAPORS OF METHYL CHLOROFORM CAN COLLECT IN LOW AREAS (PITS, DEGREASERS, SEE PRECT
Other Prec autions:STORAGE TANKS, ETC.). DO NOT ENTER SUSPECTED AREA WITHOUT POSITIVE PRESSURE SCBA. DO NOT PACKAGE CH3CCL3 IN AL AEROSOL CANS OR AL ALLOYS. DO NOT USE AL TO BUILD PUMPS, MIXERS, FITTINGS & STORAGE TANKS . AVOID ZINC POWDER & METALLIC AL.

Respiratory Protection:WHEN RESPIRATORS ARE REQUIRED, USE AN APPROVED AIR-PURIFYING RESPIRATOR. FOR EMERGENCIES & IN CONFINED AREAS, USE A NIOSH APPROVED POSITIVE PRE

SSURE SCBA.

Ventilation: USE LOCAL EXHAUST IF NECESSARY. LETHAL CONCENTRATIONS MAY EXIST IN AREAS WITH POOR VENTILATION.

Protective Gloves: RUBBER GLOVES

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. S

upplemental Safety and Health

NOTE TO PHYSICIAN:RAPID ABSORPTION MAY OCCUR THROUGH LUNGS IF ASPIRATED, THE DECISION TO INDUCE VOMITING OR NOT SHOULD BE MADE BY THE DOCTOR. IF LAVAGE IS DONE, SUGGEST ENDOTRACHEAL AND/OR ESOPHAGEAL CONTROL. DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICITY WHEN EMPTYING THE STOMACH.

HCC:T4 Boiling Pt:B.P. Text:165F/74C Melt/Freeze Pt:M.P/F.P Text:-23F,-30C Vapor Pres: 100 Vapor Density:4.55 Spec Gravity:1.330-1.335 Evaporation Rate & amp; Reference:12.8(N-BUAC=1); 1(CCL4=1) Solubility in Water:0.07 G/100 G Appearance and Odor:COLORLESS LIQUID. IRRITATING ODOR AT HIGH CONCENTRATIONS.

Stability Indicator/Materials to Avoid:YES
CONTACT WITH/STORAGE IN ALUMINUM & ITS ALLOYS; METALLIC ALUMINUM & ZINC POWDERS; & WATER-SLOW HYDROLYSIS MAKES ACID.
Stability Condition to Avoid:AUTOIGNITION TE
MPERATURE 537 C. AVOID HIGH
TEMPERATURES, SPARKS, OPEN FLAMES & WELDING ARCS.
Hazardous Decomposition Products:HYDROGEN CHLORIDE AND VERY SMALL AMOUNTS OF PHOSGENE AND CHLORINE.

Waste Disposal Methods:THE PREFERRED OPTIONS ARE TO SEND TO LICENSED RECLAIMER, OR TO PERMITTED INCINERATOR. ANY DISPOSAL MUST BE I/A/W APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. DO NOT DUMP INTO SEWERS, ON GROUND OR INTO ANY BODY OF WATER.

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 information 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 p

articular situation.