



FREON 12

MSDS Number

BBDHT

National Stock Number

6830-00D000779

Product Name

FREON 12

Manufacturer

SPARTON MFG CO

Product Identification

Product ID:FREON 12
MSDS Date:01/01/1987
FSC:6830
NIIN:00D000779
MSDS Number: BBDHT

Responsible Party

SPARTON MFG CO.
OLD HWY 50
FLORA , IL 62839
US
Cage: EO039

Contractor

SPARTON MFG CO.
399
FLORA, IL 62839
US
Cage: EO039

Ingredients

DICHLORODIFLUOROMETHANE (SARA III)
CAS: 75-71-8
RTECS: PA8200000
Fraction By Weight: >99%
OSHA PEL1000 PPM
ACGIH TLV: 1000 PPM; 9192
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

Hazards

Effects of Overexposure:DEPRESSES CNS,IRRITATS RESPIR TRACT;HIGH CONCS CAUSE CARDIAC ARRHYTHMIA,ASPHYXIATION AND DEATH.

Fire Fighting

Flash Point:NONE
Extinguishing Media:PRESENC IN FIRE DOES NOT HINDER USE OF ANY STANDARD MEDIUM.
Fire Fighting Procedures:SELF-CNTND BRTHG APP.H*20 TO DISPERSE VAPORS/COOL EXPOS CONT



Unusual Fire/Explosion Hazard: CONTACT W. REACTIVE METALS (MOLTEN AL, BA/LI FINES) WILL PRODUCE RAPID EXOTHERMIC REACTIONS.

Accidental Release

Spill Release Procedures: VACATE PREMISES AND ALLOW TO DISSIPATE IF LARGE QUANTITY IS RELEASED

Handling

Handling and Storage Precautions: AVOID EXCESSIVE HEAT. OUTDOOR STORAGE PERMITTED. PROTECT CYLINDERS & TUBING FROM PHYSICAL DAMAGE; DO NOT PUNCTURE. USE AUTHORIZED CYLINDERS ONLY.

Other Precautions: HALOCARBONS IN CONFINED/ENCLOSED SPACES REQUIRE WELL-VENTILATED DRAFT, AS THEY READILY VAPORIZE AND DEplete OXYGEN WHICH IS NECESSARY FOR BREATHING. CONTACT CAN CAUSE FROSTBITE, IN EYES, ON SKIN.

Exposure Controls

Respiratory Protection: SELF CONTAINED BREATHING APPARATUS AS NEEDED.
Ventilation: LOCAL EXHAUST AT FILLING ZONES. MECHANICAL AT STORAGE AREAS.
Protective Gloves: RUBBER GLOVES
Eye Protection: SAFETY GOGGLES
Supplemental Safety and Health
MSDS UNDATED.

Chemical Properties

HCC: G3
Boiling Pt: B.P. Text: -22F/-30C
Vapor Pres: 70
Vapor Density: 4.28
Spec Gravity: 1.325
Solubility in Water: NEGLIGIBLE
Appearance and Odor: COLORLESS LIQUEFIED GAS WITH FAINT ETHEREAL ODOR.

Stability

Stability Indicator/Materials to Avoid: YES
POWDERED AL, MG. ATTACKS MG AND ITS ALLOYS.
Stability Condition to Avoid: DECOMPOSES AT GAS FLAME TEMPERATURE, HALOGENS, ACIDS, CARBONYLS
Hazardous Decomposition Products: PHOSGENE GASES, FLUORIDES, HALOGENS, HALOGEN ACIDS, CARBONYLS.

Disposal

Waste Disposal Methods: FOR MODERATE QUANTITIES, PERMIT TO EVAPORATE IN AIR AT SLOW RATE SO AS NOT TO EXCEED TLV. FOR LARGE QUANTITIES, DUMP INTO AN APPROVED LANDFILL SITE.

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 particular situation.