

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:CONTAC W.REACTV 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.CONTAC 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.

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