

ISOTRON (R) 500, CFC 500

MSDS Number

BBPST

National Stock Number

6830-00-088-0676

Product Name

ISOTRON (R) 500, CFC 500

Manufacturer

PENNWALT

Product Identification

Product ID:ISOTRON (R) 500, CFC 500

MSDS Date:01/01/1987

FSC:6830

NIIN:00-088-0676

MSDS Number: BBPST

Responsible Party

PENNWALT/PHILADELPHIA, PA 19102

Emergency Phone: (215) 587-7711

Cage: KO049

Contractor

PENNWALT/PHILADELPHIA, PA 19102

PHILADELPHIA, PA 19103-3222

US

800-245-5858

Cage: KO049

Ingredients

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 74%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DIFLUOROETHANE (R-152A)

CAS: 75-37-6

RTECS: KI1410000

Fraction By Weight: 26%

Hazards

Effects of Overexposure:NARCOSIS/UNCONSCIOUSNESS/RESP DEPRESSION. DEATH
DUE TO ASPHYXIATION. LIQUID CAUSE FROSTBITE.

First Aid

First Aid:INGESTION: IF FROSTBITTEN WARM SKIN SLOWLY. EYE CONTACT: FLUSH W/WATER FOR 15 MINUTES. INHALATION: REMOVE TO FRESH AIR, IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, GIVE OXYGEN. KEEP VICTIM QUIET. DO N'T GIVE STIMULANTS. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONFLAMMABLE
Fire Fighting Procedures:WEAR SCBA. KEEP CONTAINERS COOL.
Unusual Fire/Explosion Hazard:DECOMPOSE IN CONTACT W/FLAMES/HEATING ELEMENTS/GAS ENGINES RELEASING IRRITAT, TOXIC/CORROSIVE GASES.

Accidental Release

Spill Release Procedures:KEEP UPWIND EVACUATE ENCLOSED SPACE. DISPERSE GAS WITH FLOOR-LEVEL FORCE AIR VENTILAON OR WATER SPRAY. DO NOT SMOKE. REMOVE FLAMES, HEATING ELEMENTS, GAS ENNES ETC.

Handling

Handling and Storage Precautions:DON'T GET IN EYES, ON SKIN OR CLOTHING. DON'T BREATHE DUST/VAPOR/MIST/GAS. KEEP CONTAINER CLOS. KEEP AWAY FROM SPARKS/FLAMES/HEAT.
Other Precautions:DO NOT DROP, REUSE, OR REFILL CONTAINER. DO NOT STORE HEAT OR IN DIRECT SUN. KEEP CONTAINERS BELOW 120F. EMPTY CONTAINER MAYONTAIN HAZARDOUS RESIDUES. STORE IN TIGHTLY CLOSED CONTAINERS.

Exposure Controls

Respiratory Protection:PROTECT ALL EXPOSED SKIN FROM LIQUID CONTACT.
Ventilation:LOCAL EXHAUST: USE WITH ADEQUATED VENTILATION.
Protective Gloves:RUBBER
Eye Protection:GOGGLES
Other Protective Equipment:PROTECT ALL EXPOSED SKIN FROM LIQUID CONTACT
Supplemental Safety and Health
MSDS DATE: 26 MAR 1982. MOLECULAR WEIGHT: 99.31

Chemical Properties

Boiling Pt:B.P. Text:-28.3F
Vapor Pres:100
Vapor Density:3.42
Spec Gravity:1.14
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS LIQUIFIED GAS W/FAINT, ETHEREAL ODOR
Percent Volatiles by Volume:100%

Stability

Stability Indicator/Materials to Avoid:YES
EXTREMELY HOT METAL, HEATING ELEMENTS, COMBUSTION ENGINES.
Stability Condition to Avoid:HEAT, OPEN FLAMES, IGNITION SOURCES.
Hazardous Decomposition Products:HYDROGEN FLUORIDE, HYDROGEN CHLORIDE, CHLORIDE.

Disposal

Waste Disposal Methods:BEST TO RECYCLE OR RECLAIM, IF POSSIBLE. MAY BE INCINERATED IN OIL-FIRED FURNACE BUT TOXIC AND CORROSIVE COMBUSTION GASES MUST BE HANDLED. CONSULT FEDERAL, STATE, OR LOCAL AUTHORITIES FOR PROPER DISPO SAL PROCEDURES.

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