View NSN Online: https://aerobasegroup.com/nsn/6830-00-227-0441 MATERIAL

SECTOR

GENETRON

(R)

22

CHLORODIFLUOROMETHANE -- 6830-00-227-0441

INC:

============= Product Identification ========================

ENGINEERED

Product ID:GENETRON (R) 22 CHLORODIFLUOROMETHANE

MSDS Date:05/01/1989

FSC:6830

NIIN:00-227-0441

ALLIED-SIGNAL.

MSDS Number: BNBZM === Responsible Party ===

Company Name: ALLIED-SIGNAL, INC; ENGINEERED MATERIAL SECTOR

Box:1139R

City:MORRISTOWN

State:NJ

ZIP:07960-1139

Count ry:US

Info Phone Num:201-455-4157

Emergency Phone Num:201-455-2000

CAGE:05VM8

=== Contractor Identification ===

Company Name: ALLIED-SIGNAL INC

Address:101 COLUMBIA RD

Box:1053

City:MORRISTOWN

State:NJ

ZIP:07962-1053

Country:US

Phone:201-455-4157/201-455-2000

CAGE:05VM8

Company Name: REFRIGERATION SALES CO INC

Address:38-18 33RD ST Box:City:LONG ISLAND CITY

State:NY

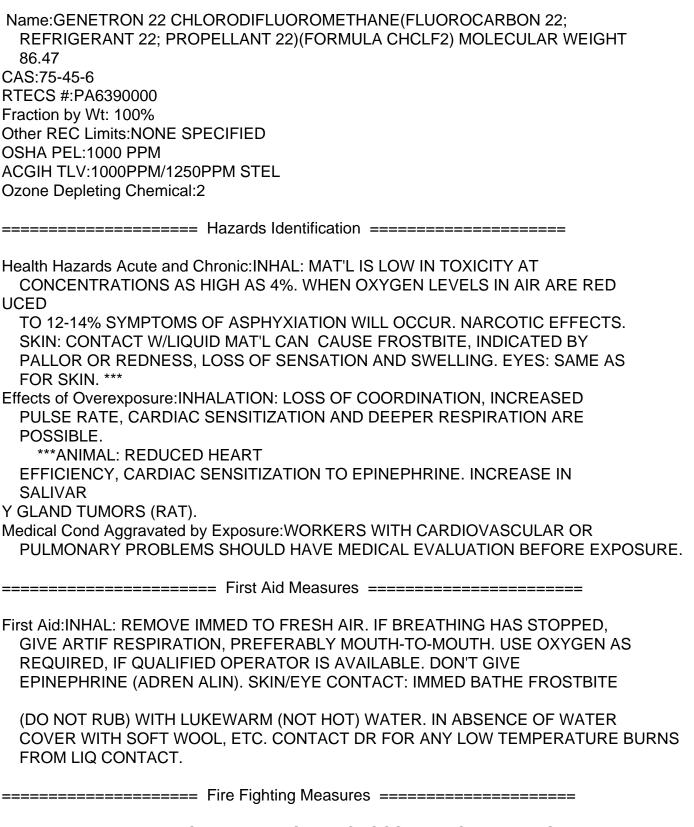
ZIP:11101-2211 Country:US

Phone:800-221-0603

CAGE:3A676

======= Composition/Information on Ingredients ========

Ingred



Extinguishing Media: ANY STANDARD AGENT--CHOOSE THE ONE THAT IS APPROPRIATE FOR TYPE OF FIRE. MATERIAL ITSELF IS NON-FLAMMABLE. Fire Fighting Procedures: WEAR SELF-CONTAINED NIOSH BREATHING APPARATUS FOR PROTECTION AGAINST SUFFOCATION & POSSIBLE TOXIC DECOMP

PRODUCTS. USE WATER SPRAY TO COOL FIRE EXPOSED CNTNRS.
Unusual Fire/Explosion Hazard:WHILE NOT COMBUSTIBLE, CONTACT W/CERTAIN
METALS & OXIDIZING MAT'LS MAY PRODUCE EXOTHERMIC
REACTION/POTENTIALLY EXPLOS COMBINATIONS. SEE HAZARD DECOMP.

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

Spill Release Procedures:USING SELF-CONTAINED AIR SUPPLY & PROTECTION AGAINST FROSTBITE, PERSONNEL SHOULD ATTEMPT TO CLOSE VALVES OR REPAIR SOURCE OF LEAK. IF LARGE QUANTITY I

S RELEASED, EVACUATE PERSONNEL AND ALLOW TO DISSIP ATE.

============ Handling and Storage ===============

Handling and Storage Precautions:AVOID EYE/SKIN/CLOTHING CONTACT. DON'T PUNCTURE/DROP CYLINDERS/EXPOSE TO FLAME/HEAT. USE AUTHORIZED CNTNRS. FOLLOW STD SFTY PRECAUTION FOR COMPRSD GAS

Other Precautions:STORE IN COOL, DRY, VENTED AREA AWAY FROM HEAT/FLAME/COMBUSTIBLES. PROTECT CYLINDER & FITTINGS FROM DAMAGE. AVOID STORAGE IN SUBSURFACE LOCATIONS. FOLLO

W OSHA REGULATIONS FOR

COMPRESSED GAS & FOR CYLI NDER HANDLING.

===== Exposure Controls/Personal Protection ========

Respiratory Protection:NONE GENERALLY REQUIRED FOR ADEQUATELY VENTED SITUATIONS. FOR UNUSUAL SITUATIONS, WEAR A NIOSH APPROVED, SUPPLIED AIR RESPIRATOR OR A POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS. AT HIGH CON CENTRATIONS ADD A FULL FACEPIECE.

Ventilation:PROVIDE LOCAL EXHAUST AT FILLING ZONES/AREA LEAK LIKELY. MECHAN(GEN) VENT FO

R OTHER OPERATING/STORAGE AREAS.

Protective Gloves: IMPERVIOUS GLOVES W/PVA OUTER LAYER****

Eye Protection: CHEM SAFETY GOGGLES IF CONTACT *****

Other Protective Equipment:WEAR IMPERVIOUS SHOES & CLOTHING WHERE LEAKAGE IS PROBABLE. GLOVES, CLOTHING, SHOES SHOULD BE THERMALLY INSULATED.

Work Hygienic Practices:PROVIDE WATER SOURCE FOR FIRST AID TREATMENT (FROSTBITE). **** (NEOPRENE-2ND CHOICE) IF HANDLING/LEAKAGE POSSIBLE.

Supplemental Safety and Health
****** IS REASONABLE PROBABI

LITY. IN THIS CASE, DON'T WEAR CONTACT LENSES.

======== Physical/Chemical Properties ==========

Boiling Pt:B.P. Text:-41F,-41C

Melt/Freeze Pt:M.P/F.P Text:-256F,-160C

Vapor Pres:136 PSIA Vapor Density:2.98

Spec Gravity:1.21 LIQ@21.1C*

pH:N/K **

Evaporation Rate & Pressure 1 Evapor

Solubility in Water: 0.3 @ 25C & 1 ATM

Appearance and Odor:COLORLESS LIQUEFIED GAS WITH FAINT ETHEREAL ODOR AT

HIGHER CONCENTRATIONS. Percent Volatiles by Volume:100

======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS, ALKALI METALS, ALKALINE EARTH METALS. FRESHLY EXPOSED ALUMINUM SURFACES.

Stability Condition to Avoid:FIRES, LIGHTED CIGARETTES, HOT SPOTS, WELDING. DECOMPOSES AT HIGH TEMPERATURES, YIELDING TOXIC GASES.

Hazardous Decomposition Products:HALOGENS, HALOGEN ACIDS, CARBON DIOXIDE, CARBON MONOXIDE, AND POSSIBLY CARBONYL HALIDES, SUCH AS PHOSGENE.

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====== Disposal Considerations ==========

Waste Disposal Methods:DISPOSE OF WASTE PRODUCT MAY BE SUBJECT TO FEDERAL REGULATIONS. USERS SHOULD REVIEW OPERATIONS, THEN CONSULT WITH REGULATORY AGENCIES BEFORE DISCHARGING OR DISPOSING OF WASTE MATERIAL. DISPOSAL BY LIC ENSED WASTE DISPOSAL COMPANY MAY BE NECESSARY.

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