

GENETRON 12 DICHLORODIFLUOROMETHANE

MSDS Number

BKCFH

National Stock Number

6830-00-502-8359

Product Name

GENETRON 12 DICHLORODIFLUOROMETHANE

Manufacturer

ALLIED CORP ALLIED CHEMICAL CSS DEPT

Product Identification

Product ID:GENETRON 12 DICHLORODIFLUOROMETHANE

MSDS Date:03/01/1982

FSC:6830

NIIN:00-502-8359

MSDS Number: BKCFH

Responsible Party

ALLIED CORP., ALLIED CHEMICAL,CSS DEPT.

COLUMBIA RD & PARK AVE

MORRISTOWN , NJ 07960

US

Emergency Phone: 201-455-2000

Info Phone: 201-455-4157

Cage: JO859

Contractor

ALLIED-SIGNAL INC

1087R

MORRISTOWN, NJ 07962-2332

US

201-455-4414

Cage: 1L164

Ingredients

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 100%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN AND EYES: CONTACT WITH LIQUID CAN CAUSE FROST BITE, INDICATED BY PALLOR OR REDNESS, LOSS OF SENSATION

AND SWELLING. INHALATION: ASPHYXIATION. THIS PRODUCT CAN CAUSE DEATH OR SERIOUS INJURY IF NOT HANDLED PROPERLY.

Explanation of Carcinogenicity: NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure: FROST BITE, PALLOREDNESS, NUMBNESS, BREATHING DIFFICULTIES.

Medical Condition Aggravated by Exposure: NOT KNOWN.

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION AND PROVIDE OXYGEN. CALL PHYSICIAN. DO NOT GIVE EPINEPHRINE. SKIN OR EYE CONTACT: IMMEDIATELY BATHE FROST BITE AREA WITH LUKEWARM WATER. CALL A PHYSICIAN.

Fire Fighting

Flash Point: NONE

Extinguishing Media: NONFLAMMABLE. FOR SURROUNDING FIRE USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: LIQUID AND GAS UNDER PRESSURE. HEAT OF FIRE WILL PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

Accidental Release

Spill Release Procedures: EVACUATE PERSONNEL. VENTILATE THE AREA AND ALLOW TO DISSIPATE.

Handling

Handling and Storage Precautions: HANDLE, TRANSPORT & STORE CAREFULLY/SECURELY TO AVOID ACCIDENTAL KNOCKING OVER/SEVERE PHYSICAL IMPACTS. DO NOT EXPOSE TO DIRECT HEAT OR OVERPRESSURIZE

Other Precautions: DO NOT PUNCTURE OR DROP CYLINDERS OR EXPOSE TO EXCESSIVE HEAT. USE AUTHORIZED CONTAINERS ONLY. CYLINDERS UNDER PRESSURE, HANDLE WITH GREAT CARE.

Exposure Controls

Respiratory Protection: NONE REQUIRED FOR NORMAL USE. FOR UNUSUAL SITUATIONS, WEAR SUPPLIED-AIR RESPIRATOR OR SELF-CONTAINED NIOSH APPROVED BREATHING APPARATUS.

Ventilation: GENERAL

Protective Gloves: WEAR LEATHER GLOVES

Eye Protection: WEAR SAFETY GLASSES

Other Protective Equipment: SAFETY SHOES ARE RECOMMENDED WHEN HANDLING CYLINDERS.

Work Hygienic Practices: FOLLOW OSHA REGULATIONS FOR HANDLING CYLINDERS.

Supplemental Safety and Health

Chemical Properties

HCC: G3

Boiling Point: B.P. Text: -21F, -30C

Melt/Freeze Point: M.P/F.P Text: -252F, -158C

Vapor Pressure: 70.3 PSIG

Vapor Density: 4.28 @ 0C

Specific Gravity: 1.325 @ 21C. LIQUID

Evaporation Rate & Reference: N/R (GAS)

Solubility in Water: 0.008

Appearance and Odor: COLORLESS LIQUIFIED GAS WITH FAINT ETHEREAL ODOR.

Percent Volatiles by Volume: GAS

Stability

Stability Indicator/Materials to Avoid: YES

POWDERED FORMS OF ALUMINUM, MAGNESIUM AND ZINC. ACTIVE METALS SUCH AS SODIUM, POTASSIUM AND CALCIUM.

Stability Condition to Avoid: HIGH HEAT, TEMPERATURES ABOVE 550C, LIGHTED CIGARETTES, HOT SPOTS, WELDING.

Hazardous Decomposition Products: HALOGENS, HALOGEN ACIDS, AND POSSIBLY

CARBONYL HALIDES, SUCH AS PHOSGENE.

Disposal

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.

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