

ALLIED CHEMICAL,ALLIED CORP -- GENETRON 12 DICHLORODIFLUOROMETHANE --  
6830-00-106-1656

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

Product ID:GENETRON 12 DICHLORODIFLUOROMETHANE

MSDS Date:03/01/1982

FSC:6830

NIIN:00-106-1656

MSDS Number: BRTDP

=== Responsible Party ===

Company Name:ALLIED CHEMICAL,ALLIED CORP

Address:COLUMBIA RD AND PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Info Phon

e Num:201-455-3073

Emergency Phone Num:201-455-3073

CAGE:70308

=== Contractor Identification ===

Company Name:HONEYWELL INTL INC ENVIRONMENTAL SYSTEMS AND SERVICES

Address:101 COLUMBIA RD

Box:City:MORRISTOWN

State:NJ

ZIP:07962

Country:US

Phone:973-455-3922

CAGE:70308

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

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:100

0 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

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===== Hazards Identification =====

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 BT IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:FROST BITE, PALLOR, REDNESS, NUMBNESS, BREATHING DIFFICULTIES.  
Medical Cond Aggravated by Exposure:NOT KNOWN.

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===== First Aid Measures =====

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.

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===== Fire Fighting Measures =====

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.

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

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

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

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, HANLE WITH GREAT CARE.

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

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

Ventilation:GENERAL

Protecti

ve 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

NONE SPECIFIED BY MANUFACTURER.

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

HCC:G3

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

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

Vapor Pres:70.3PSIG

Vapor Density:4.28 @ 0C

Spec Gravity:1.325@21C

.LIQUI

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

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

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 CIGAETTES, HOT SPOTS, WELDI

NG.

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

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

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

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