

ALLIED-SIGNAL INC, ENGINEERED MATERIALS SECTOR -- GENETRON 12 -- 6830-00-264-5913  
===== Product Identification =====

Product ID:GENETRON 12

MSDS Date:08/01/1995

FSC:6830

NIIN:00-264-5913

MSDS Number: BDQLH

=== Responsible Party ===

Company Name:ALLIED-SIGNAL INC, ENGINEERED MATERIALS SECTOR

Address:COLUMBIA RD AND PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Info Phone Num:800

-522-8001

Emergency Phone Num:800-522-8001

CAGE:1L164

=== Contractor Identification ===

Company Name:ALLIED-SIGNAL INC

Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

Company Name:CFC RECOVERY SYSTEMS INC (770-984-2292)

Box:UNKNOW

CAGE:0UJL7

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

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

EP

A Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

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

Effects of Overexposure:DEPRESSES CNS,IRRITATS RESPIR TRACT;HIGH CONCS  
CAUSE CARDIAC ARRYTHMIA,ASPHYXIATION AND DEATH.

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

Flash Point:NONE  
Extinguishing Media:PRESENC IN FIRE DOES NOT HINDER USE OF ANY STANDARD  
MEDIUM.  
Fire Fighting Procedures:SELF-CNTND BRTHG APP.H\*2O TO DISPERSE

VAPORS/COOL EXPOS CONT  
Unusual Fire/Explosion Hazard:CONTACT W.REACTV METALS(MOLTEN AL,BA/LI  
FINES)WILL PRODUCE RAPID EXOTHERMIC REACTIONS.

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

Spill Release Procedures:IF LARGE QUANTITY IS RELEASED,VACATE PREMISES  
AND ALLOW TO DISSIPATE.NOTE TLV

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

Handling and Storage Precautions:AVOID EXCESSIVE HEAT.OUTDOOR STORAGE  
PERMITTED.PROTECT CYLINDERS & TUBIN  
G FROM PHYSICAL DAMAGE;DO NOT  
PUNCTURE.USE AUTHORIZED CYLINDERS ONLY.  
Other Precautions:HALOCARBONS IN CONFINED/ENCLOSED SPACES REQUIRE  
WELL-VENTILATED DRAFT AS THE GAS DEPLETES OXYGEN WHICH IS NECESSARY  
FOR BREATHING.CONTAC IN EYES/ON SKIN CAN CAUSE FROSTBITE.

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

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS IF NOT IN  
WELL VENTILATED AREAS.  
Ventilation:LOCAL EXHAUST AT FILLING ZONES.MECHANICAL AT STOR

AGE AREAS.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Supplemental Safety and Health

ITEM MEETS REQUIREMENTS FOR TYPE 12 UNDER FED SPEC BB-F-1421.

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

HCC:G3

Boiling Pt:B.P. Text:-22F,-30C

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

Vapor Pres:35 PSI

Vapor Density:4.26

Spec Gravity:1.325

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUEFIED GAS WITH FAINT ETHEREAL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

POWDERED AL,MG. ATTACKS MG AND ITS ALLOYS.

Stability Condition to Avoid:DECOMPOSES AT GAS FLAME TEMPERATURE GIVE  
HALOGENS,HALO-ACIDS

Hazardous Decomposition Products:TOXIC SUBSTANCES BY HIGH  
HEAT,E.G.FLUORIDES,CARBONYL HALIDES

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

Waste Disposal Methods:FOR MODERATE QUANTITIES PERMIT TO EVAPORATE IN  
AIR AT SLOW RATE  
,SO AS NOT TO EXCEED TLV.

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