

## **GENETRON 500**

### **MSDS Number**

BCBCS

### **National Stock Number**

6830-00K000583

### **Product Name**

GENETRON 500

### **Manufacturer**

ALLIED CHEMICAL CORP

### **Product Identification**

Product ID: GENETRON 500

MSDS Date: 01/01/1985

FSC: 6830

NIIN: 00K000583

MSDS Number: BCBCS

### **Responsible Party**

ALLIED CHEMICAL CORP.

COLUMBIA RD & PARK AVE

MORRISTOWN , NJ 07960

US

Cage: 1L168

### **Contractor**

ALLIED-SIGNAL INC

1087R

MORRISTOWN, NJ 07962-2332

US

201-455-4414

Cage: 1L164

### **Ingredients**

DIFLUOROETHANE

CAS: 75-37-6

RTECS: KI1410000

Fraction By Weight: UNK

ACGIH TLV: 1000 PPM

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: UNK

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## Hazards

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

## First Aid

First Aid:EYES:FLUSH WITH WATER.15 MIN.SKIN:WASH W/SOAP & WATER.INHALED:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEED.DO NOT GIVE ADRENALIN NOR ANY STIMULANT.INGESTION:GAS AT AMBIENT TEMPERATURE-N/A.GET MEDICAL A TTN.

## Fire Fighting

Extinguishing Media:PRESENCE IN FIRE DOES NOT HINDER USE OF ANY STANDARD MEDIUM.

Fire Fighting Procedures:SELF-CNTND BRTHG APP. H\*2O TO DISPERS VAPORS/COOL EXPOSD CON

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

## Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES.ISOLATE AREA.KEEP UPWIND.IF LARGE QUANTITY IS RELEASED,ALLOW TO DISSIPATE.NOTE TLV.

## Handling

Handling and Storage Precautions:CONTACT OF COLD LIQUID WITH SKIN MAY PRODUCE FROST-BITE.CONTACT WITH EYES CAN CAUSE SERIOUS DAMAGE.AVOID HEAT EXCESS.PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:HALOCARBONS IN CLOSED/CONFINED AREAS REQUIRE WELL-VENTIATED DRAFT AS THEY READILY VAPORIZE AND DEplete/REPLACE OXYGEN WHICH IS VITAL TO SURVIVAL.

## Exposure Controls

Respiratory Protection:NOT REQD IN WELL VENTILATED AREAS.

Ventilation:LOCAL EXHAUST AT FILLING ZONES.MECHANICAL AT STORAGE AREAS

Protective Gloves:PVC/NEOPRENE

Eye Protection:CHEM. SAFETY GOGGLES

Supplemental Safety and Health

## Chemical Properties

HCC:G3

Boiling Pt:B.P. Text:-28.3F

Vapor Pres:85.

Vapor Density:3.51

Spec Gravity:1.17

Evaporation Rate & Reference:HIGH

Solubility in Water:NEGLIGIBLE

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

Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HIGH TEMPERATURE

Hazardous Decomposition Products:HALOGENS,HALIDE ACIDS,CARBONYL HALIDES AT HIGH TEMPERATURES.

## Disposal

Waste Disposal Methods:FOR MODERATE QUANTITIES,PERMIT TO EVAPORATE IN AIR AT SLOW RATE SO AS NOT TO EXCEED TLV.FOR LARGE QUANTITIES,MOVE TO ISOLATED AREA AND ALLOW TO DISSIPATE IF REGIONAL REGULATIONS ALLOW.DISPOSAL CONTRAC TOR MAY HAVE TO BE CONTACTED.

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