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ALLIED-SIGNAL INC, ENGINEERED MATERIALS SECTOR -- GENETRON 11 (TRICHLOROFLUOROMETHANE) -- 6830-00-281-3036

Product ID:GENETRON 11 (TRICHLOROFLUOROMETHANE)

MSDS Date:02/01/1993

FSC:6830

NIIN:00-281-3036

MSDS Number: BDSXB === Responsible Party ===

Company Name: ALLIED-SIGNAL INC, ENGINEERED MATERIALS SECTOR

Box:1139R

City:MORRISTOWN

State:NJ

ZIP:07962-1139

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

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

Ingred Name:TRICHLOROFLUOROMETHANE (CFC-11) (SARA 313) (CERCLA)

CAS:75-69-4

RTECS #:PB6125000 Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:C 1000 PPM; 9596

ΕP

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

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

LD50 LC50 Mixture:LD50 (MOUSE): 1743MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: INHAL: VAP SLIGHTLY IRRIT LUNG. BREATH

CONC APPROACHING 10% IN AIR CAUSE DIZZ, DIFFI

BREATH, DROWSINESS, POSSIBLY NARCOSIS. INGEST: UPSET, IRRIT GI

TRACT.ESTIMATED TO HAVE

MODERATE TOXICITY. SAME SYMPTOMS AS I

NHAL.SKIN:EXCESSIVE CONTACT MAY CAUSE IRRIT(DEFAT ACTION), POSSIBLE FROSTBITE(REFRIG EFFECT OF EVAPORATION). EYE:LIQ(SUPP)

Explanation of Carcinogenicity:PER MSDS:A NCL-SPONSORED BIOASSAY ON CARCINOGENICITY (RATS) GAVE NEGATIVE RESULTS.

Effects of Overexposure:SLIGHTLY IRRIT LUNG. DIZZINESS, DIFFICULT BREATH, DROWSINESS, NARCOSIS. UPSET, IRRIT GI TRACT. SKIN IRRIT, FROSTBITE. YE:IRRIT.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MA NUFACTURER.

First Aid:INHAL:IMMED REMOVE TO FRESH AIR.STOP BREATH GIVE
MOUTH-TO-MOUTH RESUSC.GIVE OXY BY QUAL PERSON IF AVAILABLE.CALL
DR.DON'T GIVE ADRENALIN(EPINEPHRINE).EYE:RPOMPTLY FLUSH W/LG AMTS
OF WATER.LIFT EYELIDS .IRRIT CONSULT DR.SKIN:PROMPTLY WASH
W/SOAP/WATER THEN FLUSH W/WATER TIL CHEM REMOVED.REMOVE CONTAMIN
CLOTH.INGEST:UNLIKELY EXPO ROUTE.NOT EXPECTED TO BE HAZ.DO NOT
INDUCE VOMIT UNLE
SS INSTRUCTED(SUP)

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

Flash Point: NON-FLAMMABLE

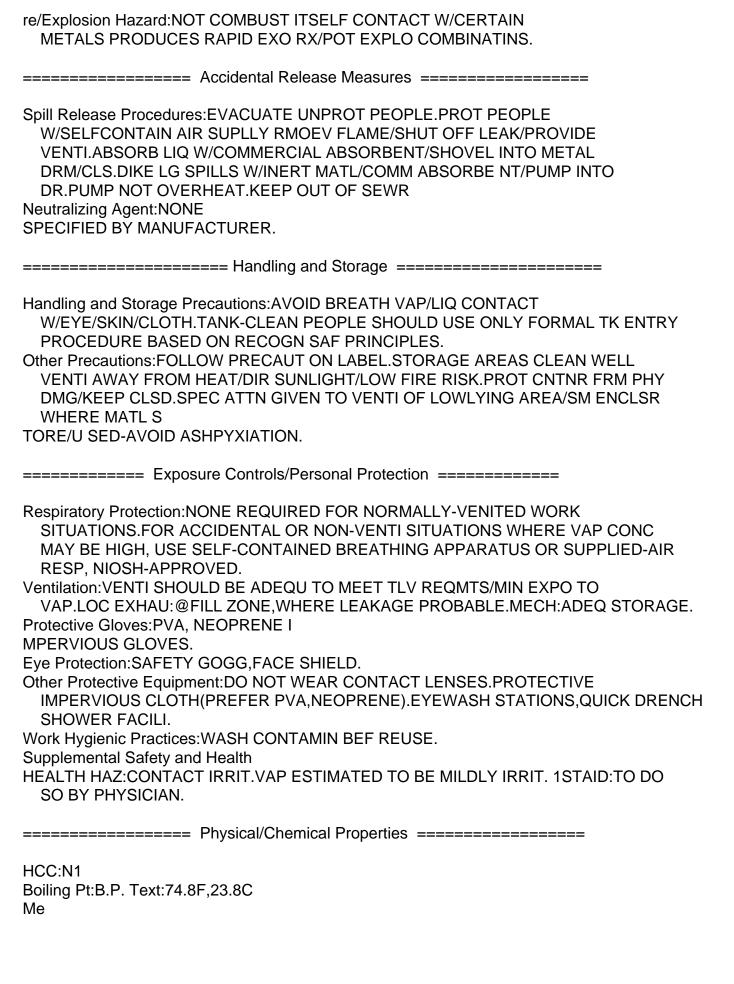
Autoignition Temp: Autoignition Temp Text: NA

Lower Limits:NA Upper Limits:NA

Extinguishing Media: ANY STD AGENT. SELECT ONE MOST SUITABLE FOR TYPE OF FIRE. MATL ITSELF NOT FLAMMABLE.

Fire Fighting Procedures:WEAR NIOSH-APPROVED SCBA FOR PROT AGAINST SUFFO/POSSIBLE TOXIC DECOMPO PROD.COOL FIRE-EXPO CNTNR/KEEP SPILL AWAY FROM FIRE/HEAT/KNOCK DOWN VAP W/WATER SPRAY.

Unusual Fi



It/Freeze Pt:M.P/F.P Text:-168F,-111C
Decomp Temp:Decomp Text:NP

Vapor Pres:13.4 PSIA Vapor Density:5.06 @30C Spec Gravity:1.49 @21.1C LIQ

pH:N/DETE Viscosity:NP

Evaporation Rate & Dry Reference: 0.4, ETHER=1

Solubility in Water: 0.11 @25C SLIGHT

Appearance and Odor:LIQUID, COLORLESS, WITH FAINT ETHER-LIKE ODOR.

Percent Volatiles by Volume:100

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES AL/AL POWDER,GRANULAR BA, LITHIUM SHAVINGS,CHEM ACTIVE METALS(NA,K,CA,POWDERED MG,ZN).

Stability Condition to Avoid:FLAMES, LIGHTED CIGARETTES, HOT SPOTS, WELDING (DECOMPOSES, LIBERATING HAZARDOUS GASES).

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

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

Waste Disposal Methods:RQ:5000.PROD USED AS SOLVNT SUBJ TO FED/STATE/LOC REGS WHEN DISPO(EPA SPENT HALOGENATED SOLVNT-F001,F002

).UNUSED U121.USERS SHOULD REVIEW OPERATIONS IN TERMS OF APPLICABLE FED/STATE/LOC LAW/REG.CONSUL T APPROP REG AGENCIES BEF DISCHAR/DISPO.DESTROY O3

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