

GENESOLV DE-10 SOLVENT

MSDS Number

BBZZV

National Stock Number

6850-00K000542

Product Name

GENESOLV DE-10 SOLVENT

Manufacturer

ALLIED CHEMICAL CORP

Product Identification

Product ID: GENESOLV DE-10 SOLVENT

MSDS Date: 01/01/1985

FSC: 6850

NIIN: 00K000542

MSDS Number: BBZZV

Responsible Party

ALLIED CHEMICAL CORP.

Emergency Phone: 201-455-2000

Cage: 1L168

Contractor

ALLIED-SIGNAL INC

1087R

MORRISTOWN, NJ 07962-2332

US

201-455-4414

Cage: 1L164

Ingredients

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

Fraction By Weight: 90%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 10%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

Hazards

Effects of Overexposure: EYES, SKIN: IRRITANT, MAY DEFAT

SKIN; INHALE, INGEST: NAUSEA, VOMIT, ASPHYXIATION, CNS DEPRESS, CARDIAC

ARRHYT

First Aid

First Aid:INHALE:REMOVE TO FRESH AIR,GIVE CPR/O*2 IF NEED.DO NOT GIVE ADRENALINE(Epinephrine);SKIN/EYES:FLUSH W LG AMTS H*2O(LIFT EYELIDS);INGEST:GIVE H*2O & INDUCE VOMITING IMMEDIATELY.FOR INHALE,INGEST,OR EYE S:CALL PHYSICIAN.

Fire Fighting

Extinguishing Media:N/A:NON FLAMMABLE.USE H*2O SPRAY TO DIVERT FROM FIRE & HEAT

Fire Fighting Procedures:SEFL-CNTND BRTHG APP;H*2O SPRAY COOL CONT,KNOCK VAPOR DOWN.

Unusual Fire/Explosion Hazard:COMBUSTION YIELDS HALOGENS,HALOGEN ACIDS,CARBONYL HALIDES,PHOSGENE.IF 80%EVAPORATES,HAS 50C FLSH PT

Accidental Release

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS.ELIM IGNITION SOURCES. STOP LEAK. H*2O SPRAY COOL CONT/DIVERT SPILL FROM FIRE/HEAT.PROVIDE VENTILATION.ABSORB W COMMERCIAL ABSORBENT,SHOVEL INTO METAL DRUMS;LG SPILL:DIKE W COMMERCIAL ABSORBENT,PUMP INTO COVERED DURMS.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA.PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT.KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:CONTACT W ALLOYS >2%MAGNESIUM DECOMPOSES.NO OPEN FLAME.AVOID PROLONGED OR REPEATED CONTACT WITH LIQUID OR VAPOR.PVA OR NEOPRENE PREFERRED PROTECTIVE MATERIAL(REMOVE/WASH IF CONTAMINATED).

Exposure Controls

Respiratory Protection:IF EXPOSE >720PPM,WEAR SELF-CNTND BRTHG APP OR AIR LINE RESPIR.

Ventilation:MECHANICAL(GEN./LOCAL EXHAUST).

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY/CHEM GOGGLES.

Other Protective Equipment:NORMAL FULL WORK CLOTHING COVERING ARMS,LEG.NO CONTACT LENS.

Supplemental Safety and Health

MIXTURE:90WT%TRICHLOROTRIFLUOROETHANE,10WT%ISOPROPYL ALCOHOL. B.P.46-82C;FLUOROCARBON IS GENETRON 113;VAPORS MAY CAUSE CARDIC ARRHYTHMIA.FORMULATION PRIOR TO 1979 WAS 85/15,SAME PROPERTIES.

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:115-180F

Vapor Pres:385

Vapor Density:5.0

Spec Gravity:1.43

Evaporation Rate & Reference:10 (ETHER=1)

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID;ETHERAL,FAINTLY ALCOHOLIC ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

CHEM ACTIVE METALS;FINE CA,MG,ZN,BE,AL,BA,LI,TI.

Stability Condition to Avoid:DECOMPOSES ABOVE 250F;THERMAL

DECOMP;INCREASES TOXICITY.

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

Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL.DO NOT ALLOW TRANSFER PUMPS TO OVERHEAT.PRODUCT IS FLUOROCARBON/ALCOHOL

MIX(EPA SPENT HALOGENATED SOLVENTS,F001&F002).CONTACT SUPPLIER FOR DISPOSAL,RECYCLE METHO DS.DISPOSE IN FULL REGULATORY COMPLIANCE.

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