

GENESOLV DE AZEOTROPE

MSDS Number

BCBGF

National Stock Number

6850-00K000637

Product Name

GENESOLV DE AZEOTROPE

Manufacturer

ALLIED CHEMICAL CORP

Product Identification

Product ID: GENESOLV DE AZEOTROPE

MSDS Date: 01/01/1987

FSC: 6850

NIIN: 00K000637

MSDS Number: BCBGF

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: 95.5%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 4.5%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight:

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Effects of Overexposure:EYES,SKIN:IRRITNT,MAY DEFAT
SKIN;INHAL,INGEST:DROWSINESS,DIZZINESS,NAUSEA,VOMIT;MAY CAUSE
ASPHYX.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR,GIVE CPR/O*2 IF NEED.DO NOT GIVE
ADRENALINE (EPINEPHRINE);SKIN/EYES:FLUSH W/LG AMTS OF H*2O (FLUSH
EYES 15 MIN,LIFT EYELIDS);INGEST:GIVE H*2O & INDUCE VOMITING
IMMEDIATELY.FO R INHALE,INGEST,OR EYES:CALL PHYSICIAN.

Fire Fighting

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

Fire Fighting Procedures:NIOSH/MSHA APPROV SCBA;H*2O SPRAY COOL
CONTNRS,DIVERT SPILL.

Unusual Fire/Explosion Hazard:CONTACT W MOLTEN ALUMINUM,BARIUM,&
LITHIUM SHAVING PRODUCES RAPID EXOTHERMIC REACTIONS.

Accidental Release

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS. ELIMINATE
IGNITION SOURCES. STOP LEAK. USE H*2O SPRAY TO COOL
CONTAINERS/FLUSH SPILL AWAY FROM FIRE & HEAT.PROVIDE VENTILATION.
ABSORB W COMMERCIAL ABSORBENT. SHOVEL INTO COVERED METAL DRUMS,
PENDING DISPOSAL.

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:AVOID PROLONGED OR REPEATED CONTACT WITH LIQUID OR
VAPOR.

Exposure Controls

Respiratory Protection:IF EXPOSED >500 PPM, WEAR NIOSH/MSHA APP SCBA 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,LEGS.NO CONTACT LENS

Supplemental Safety and Health

ALLIED CHEMICAL PRODUCT CODE NO. 196-008040.BLEND OF

TRICHLOROTRIFLUOROETHANE,C*2CL*3F*3,95.5WT%,ETHANOL,C*2H*5OH,4.5%,A
ND METHANOL,CH*3OH,0.5% MAY WITH IN ETHANOL COMPONENT.

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:111F,44C

Vapor Pres:365

Vapor Density:6.0

Spec Gravity:1.49

Evaporation Rate & Reference:2 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID GAS; FAINT ETHEREAL ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDANTS, REACTIVE METALS, POWDERED AL, ZN, MG

Stability Condition to Avoid: DECOMPOSES ABOVE 250F. THERMAL DECOMP.

INCREASES TOXICITY.

Hazardous Decomposition Products: HALOGENS, CARBONYL HALIDES, INCLUDING PHOSGENE, CO, & CO*2.

Disposal

Waste Disposal Methods: PRODUCT IS PRIMARILY A FLUOROCARBON, CONTAINING NITRATED ORGANIC & KETONE. CONTACT SUPPLIER FOR DISPOSAL METHODS. DISPOSE IN FULL REGULATORY COMPLIANCE.

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