

DYNASOLVE 160

MSDS Number

BCGDV

National Stock Number

6810-00N000736

Product Name

DYNASOLVE 160

Manufacturer

DYNALOY INC

Product Identification

Product ID:DYNASOLVE 160

MSDS Date:01/01/1987

FSC:6810

NIIN:00N000736

MSDS Number: BCGDV

Responsible Party

DYNALOY, INC.

7 GREAT MEADOW LANE

HANOVER , NJ 07936-1703

US

Emergency Phone: 201-887-9270

Info Phone: 201-887-9270 FAX 201-887-3678

Cage: 27908

Contractor

DYNALOY, INC.

INDIANAPOLIS, IN 46203

US

317-788-9925;703-527-3887

Cage: 27908

Ingredients

METHANE, DICHLORO-; (METHYLENE CHLORIDE) (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 90%

OSHA PEL500 PPM;1000 PPM, C

ACGIH TLV: 50 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS: AF1225000

Fraction By Weight: 2.5%

OSHA PEL10 PPM

ACGIH TLV: 10 PPM;15 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

FORMIC ACID (SARA III)

CAS: 64-18-6

RTECS: LQ4900000

Fraction By Weight: 1-3%

OSHA PEL5 PPM

ACGIH TLV: 5 PPM;10 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PHENOL

CAS: 108-95-2

RTECS: SJ3325000

Fraction By Weight: 1-3%

OSHA PEL5 PPM, S

ACGIH TLV: 5 PPM, S

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:CHLOROCARBON MATERIALS HAVE PRODUCED SENSITIZATION OF THE MYOCARDIUM TO EPINEPHRINE IN LABORATORY ANIMALS AND COULD HAVE A SIMILAR EFFECT IN HUMANS. ADRENOMIMETICS (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO CHLOROCARBONS .

Explanation of Carcinogenicity:DICHLOROMETHANE:ANTICIP TO BE CARCIN (NTP 6TH ANN RPT, 1991); GP 2B (IARC VOL7, P194, 1987).

Effects of Overexposure:BURNS TO SKIN/EYES. DIZZ, HDCH, VERTIGO, DROWS, NARCOS, UNCON. CHRONIC:KIDNEY/LIVER DMG. EYE, SKIN/RESP TRACT IRRIT. DIGEST DISTURBS. NERV DISORDERS. MFR STATES NOT LISTED AS CARCIN W/NTP, IARC OR OSH A.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INH:REMOVE TO FRESH AIR;IF BRTH STOPS GIVE ARTIF RESP;ADMIN O*2.CALL MD.EYES:FLUSH W/WATER 15 MIN,CALL MD.SKIN:REMOVE CONTAM CLOTHES:FLUSH W/WATER 15 MIN;CALL MD.INGEST:DO NOT INDUCE VOMIT.IF CONSCIOUS,DILUTE W/WATER,MILK OR MILK OF MAGNESIA;CALL MD.

Fire Fighting

Flash Point:NONE (MIXTURE)

Lower Limits:16.0

Upper Limits:19.0

Extinguishing Media:WATER FOG, CO*2, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:THERMAL DECOMP PRODS MAY INCL HCL & PHOSGENE . VAPS ARE HVR/AIR & MAY TRAVEL & IGNIT @ DIST LOCATION. VAPS MAY FORM EXPLO MIXT W/AIR.

Accidental Release

Spill Release Procedures:EVACUATE THE AREA,VENTILATE,AVOID BREATHING VAPORS,CONTAIN SPILL.CLEAN UP AREA (WEAR PROTECTIVE CLOTHING) USING A NON COMBUSTIBLE ABSORBENT MATERIAL. PLACE IN A CLOSED CONTAINER.FLUSH AREA W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID CONT W/SKIN & AVOID BRTHG VAPS. STORE IN COOL, DRY VENTED AREA. KEEP CNTNR SEALED. NO SMOKING IN PRESENCE OF VAP.

Other Precautions:NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING, OPEN FLAMES/HOT SURFS. HEAT &/OR UV RADIA MAY CAUSE FORM OF HCL &/OR PHOSGENE . VAPS ARE HVR/AIR & WILL COLLECT IN LOW AREAS. L AUNDER CONTAM CLTHG BEFORE (SUPDAT)

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPOR IF CONDITIONS REQUIRE - ASK SAFETY.

Ventilation:LOC EXHST:WELL VENTED AREA. MECH:EXPLO-PROOF EXHST HOOD.

Protective Gloves:NEOPRENE, CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEM WORK GOGG W/FULL LGTH FCSHLD

Other Protective Equipment:IMPERVIOUS APRON. CONTACT LENSES SHOULD NOT BE WORN.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OTHER PREC:REUSE. DESTROY CONTAMINATED SHOES. DO NOT PUMP AT HIGH PRESSURE. USE TEFLON PACKINGS.

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:104F,40C

Vapor Pres:350

Vapor Density:2.9

Spec Gravity:1.3

Evaporation Rate & Reference:0.7 (ETHER = 1)

Solubility in Water:MODERATE

Appearance and Odor:CLEAR LIQ,STRONG ACETIC ACID-CHLORINATED SOLV ODOR

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ALKALES, HALOGENS, OXIDIZING MATERIAL, CALCIUM HYPOCHLORITE.

Stability Condition to Avoid:OPEN FLAMES, HOT SURFACES, ELECTRICAL ARCS.

Hazardous Decomposition Products:HYDROGEN CHLORIDE,CO,CO*2,PHOSGENE

Disposal

Waste Disposal Methods:INCINERATE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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