

DYNASOLVE 700

MSDS Number

BSQHZ

National Stock Number

6850-00D003176

Product Name

DYNASOLVE 700

Manufacturer

DYNALOY INC

Product Identification

Product ID:DYNASOLVE 700

MSDS Date:09/01/1989

FSC:6850

NIIN:00D003176

MSDS Number: BSQHZ

Responsible Party

DYNALOY,INC

7 GREAT MEADOW LANE

HANOVER , NJ 07936

US

Emergency Phone: 201-887-9270

Info Phone: 201-887-9270

Preparer: JAY W.PARTON

Cage: EO195

Contractor

DYNALOY,INC

HANOVER, NJ 07936

US

201-887-9270

Cage: EO195

Ingredients

PROPYLENE GLYCOL MONOMETHYL ETHER, (1-METHOXY-2-PROPANOL)

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 50-80%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9394

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 1-6%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM 9394

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 1-5%

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION, DAMAGE.

SKIN: MAY CAUSE IRRITATION. INHALATION: MAY CAUSE NOSE, THROAT, RESPIRATORY TRACT IRRITATION. MAY CAUSE DIZZINESS, DROWSINESS, INCOORDINATION, NAUSEA, VOMITING, COM A, BREATHING DIFFICULTIES, HEADACHE, ANESTHESIA,LIVER/KIDNEY INJURY. INGESTION: NO HEALTH HAZARDS GIVEN BY MANUFACTURER.

Effects of Overexposure:EYES: IRRITATION, SEVERE EYE DAMAGE. SKIN: IRRITATION. INHALATION: NOSE, THROAT, AND RESPIRATORY TRACT IRRITATION, DIZZINESS, DROWSINESS, INCOORDINATION, NAUSEA, VOMITING, COMA, BREATHING DIFFICULTIES , HEADACHE, ANESTHESIA, LIVER AND KIDNEY INJURY. INGESTION: NO SYMPTOMS GIVEN BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE CURRENTLY KNOWN.

First Aid

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH FLOWING WATER OR SHOWER. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. G ET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:CC

Flash Point:95.0F,35.0C

Lower Limits:1.6

Upper Limits:13.8

Extinguishing Media:WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL OR BE MOVED BY AIR CURRENTS AND IGNITED BY FLAMES, SPARKS, HEATERS, OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM PRODUCT HANDLING POINT.

Accidental Release

Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES AND ENSURE THAT ALL HANDLING EQUIPMENT IS ELECTRICALLY GROUNDED. COLLECT SPILL WITH NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO A DOT-APPROVED WASTE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, AND FLAME. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. GROUND ALL CONTAINERS AND EQUIPMENT.

Other Precautions:CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

Exposure Controls

Respiratory Protection:USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:PROVIDE ADEQUATE, EXPLOSION PROOF, LOCAL EXHAUST/MECHANICAL VENTILATION TO KEEP EXPOSURES BELOW TLV.

Protective Gloves:IMPERMEABLE GLOVE(NEOPRENE) RECOMMENDED.

Eye Protection:CHEMICAL SAFETY GOGGLES RECOMMENDED.

Other Protective Equipment:IMPERMEABLE APRON RECOMMENDED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

Chemical Properties

HCC:F4

Boiling Pt:B.P. Text:248F,120C

Vapor Pres:8.0

Vapor Density:3.12

Spec Gravity:0.965

pH:12.9

Evaporation Rate & Reference:0.66 (BU AC=1)

Solubility in Water:100%

Appearance and Odor:BLUE-GREEN LIQUID. SLIGHT PLEASANT ODOR.

Percent Volatiles by Volume:100%

Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:SPARKS, OPEN FLAME, IGNITION SOURCES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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