

DYNASOLVE 710,711,750

MSDS Number

BSRVY

National Stock Number

6850-00D003186

Product Name

DYNASOLVE 710,711,750

Manufacturer

DYNALLOY INC

Product Identification

Product ID:DYNASOLVE 710,711,750

MSDS Date:09/01/1989

FSC:6850

NIIN:00D003186

MSDS Number: BSRVY

Responsible Party

DYNALLOY, INC.

7 GREAT MEADOW LANE

HANOVER , NJ 07936

US

Emergency Phone: 201-887-9270

Info Phone: 201-887-9270

Preparer: JAY W. PARTON

Cage: 27908

Contractor

DYNALLOY, INC.

INDIANAPOLIS, IN 46203

US

317-788-9925;703-527-3887

Cage: 27908

Ingredients

PROPYLENE GLYCOL MONOMETHYL ETHER

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 40 - 70%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM/150STEL;9394

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 2 - 5%

OSHA PELS,200PPM

ACGIH TLV: S,200PPM/250STEL; 94

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:LD50 (ORL RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE- IRRITATION TO EYES, SKIN, RESPIRATORY TRACT. MAY CAUSE DIZZINESS, HEADACHE, DROWSINESS, INCOORDINATION, BREATHING DIFFICULTIES & COMA. INGESTION MAY CAUSE NAUSEA & VOMITING. CHRONIC- MAY CAUSE NAUSEA & ANESTHESIA. HAS PRODUCED LIVER& KIDNEY ENLARGEMENT IN LAB ANIMALS. TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION, BURNING OF EYES AND SKIN, DIZZINESS, DROWSINESS, INCOORDINATION, NAUSEA, VOMITING, COMA, BREATHING DIFFICULTIES, HEADACHE

Medical Cond Aggravated by Exposure:NONE KNOWN.

First Aid

First Aid:CALL A DOCTOR IN ALL CASES. EYE/SKIN:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALATION:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION:IF CONSCIOUS, DRINK 2 GLASS ES OF WATER AND INDUCE VOMITING. CALL APHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. WASH CLOTHING BEFORE REUSE.

Fire Fighting

Flash Point Method:CC

Flash Point:105F,41C

Lower Limits:1.6

Upper Limits:13.8

Extinguishing Media:DRY CHEMICAL, CO2, WATER FOG, ALCOHOL FOAM. WATER SPRAY SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPORS CAN FLOW ALONG SURFACES TO DISTANCE IGNITION SOURCE & FLASH BACK. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. STOP LEAK IF POSSIBLE. CONTAIN SPILL. COVER WITH NON-FLAMMABLE ABSORBENT MATERIALS. COLLECT SPILLED MATERIAL USING NON-SPARKIN G TOOLS. PLACE IN DOT APPROVED METAL CONTAINERS.

Neutralizing Agent:WEAK ACID

Handling

Handling and Storage Precautions:KEEP IN COOL, VENTILATED AREA, IN TIGHTLY CLOSED CONTAINERS, AWAY FROM HEAT, SPARKS, FLAMES & OXIDIZERS. GROUND ALL CONTAINERS & EQUIPMENTS.
Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. EMPTY CONTAINERS RETAIN PRODUCT RESIDU E. HANDLE THEM AS IF THEY WERE FULL.

Exposure Controls

Respiratory Protection:IF WORKING IN A CONFINED AREA OR IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW TLV, USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR, OPERATED I N POSITIVE PRESSURE MODE.
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:NEOPRENE
Eye Protection:FACE SHIELD & SAFETY GLASSES
Other Protective Equipment:NEOPRENE APRON, EYEWASH STATION & EMERGENCY SHOWER.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health
THE DYNASOLVE 700 SERIES ARE DIRECT REPLACEMENT OF THE URESOLVE PRODUCTS CONTAINING ETHYLENE GLYCOL MONOMETHYL ETHER.

Chemical Properties

HCC:F4
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:248F,120C
Decomp Temp:Decomp Text:NOT KNOWN
Vapor Pres:8 @ 68F
Vapor Density:3.12
Spec Gravity:0.983 - 0.996
pH:13.7
Evaporation Rate & Reference:Solubility in Water:100%
Appearance and Odor:BLUE-GREEN LIQUID - SLIGHT PLEASANT ODOR
Percent Volatiles by Volume:95- 99

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, FLAME, OTHER IGNITION SOURCES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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