

## **URESOLVE PLUS**

### **MSDS Number**

BHQRN

### **National Stock Number**

6850-01-311-1180

### **Product Name**

URESOLVE PLUS

### **Manufacturer**

DYNALLOY INC

### **Product Identification**

Product ID: URESOLVE PLUS

MSDS Date: 09/01/1989

FSC: 6850

NIIN: 01-311-1180

MSDS Number: BHQRN

### **Responsible Party**

DYNALLOY INC

7 GREAT MEADOW LN

EAST HANOVER , NJ 07936-1703

US

Emergency Phone: 201-887-3678

Info Phone: 201-887-3678

Preparer: JAY W. PARTON

Cage: 27905

### **Contractor**

DYNALLOY, INC.

INDIANAPOLIS, IN 46203

US

317-788-9925; 703-527-3887

Cage: 27908

### **Ingredients**

2-METHOXYETHANOL (EGME) (SARA III)

CAS: 109-86-4

RTECS: KL5775000

Fraction By Weight: 60-80%

OSHA PELS, 25 PPM

ACGIH TLV: S, 5 PPM; 9192

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 2-4%

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

OTHER COMPONENTS (TYPE NOT SPECIFIED)

## Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2460 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: MODERATELY TOXIC. EYE AND SKIN IRRITATION. HEADACHE, DIZZINESS, DROWSINESS, FATIGUE, NAUSEA, VOMITING, TREMOR, CONFUSION, KIDNEY DAMAGE. CHRONIC: REPEATED OVEREXPOSURE MAY CAUSE INJURY TO BONE MARROW AND BLOOD CELLS, KIDNEY, LIVER, AND TESTES.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, DROWSINESS, FATIGUE, NAUSEA, VOMITING, TREMOR, CONFUSION.

Medical Cond Aggravated by Exposure:BREATHING OF VAPOR AND/OR MIST MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, OXYGEN MAY BE GIVEN BY QUALIFIED PERSONNEL. CALL A PHYSICIAN. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, INCLUDING UNDER THE EYELIDS. CALL A PHYSICIAN. SKIN:REMOVE CONTAMINATED CLOTHING AND FLUSH WITH WATER. INGESTION: GIVE 2 GLASSES OF WATER AND INDUCE VOMITING IF THE PATIENT IS CONSCIOUS. CALL A PHYSICIAN.

## Fire Fighting

Flash Point Method:CC

Flash Point:117F,47C

Autoignition Temp:Autoignition Temp Text:545F

Lower Limits:1.8

Upper Limits:14.0

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:WEAR SUITABLE PROTECTIVE EQUIPMENT. SMALL SPILLS SHOULD BE FLUSHED WITH LARGE QUANTITIES OF WATER. LARGE SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:DO NOT BREATHE VAPOR. USE WITH ADEQUATE VENTILATION. DO NOT GET IN EYES, ON SKIN, OR CLOTHING. ACCIDENTAL CONTACT SHOULD BE WASHED AWAY IMMEDIATELY.

Other Precautions:KEEP AWAY FROM HEAT AND FLAME. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. CAUSES EYE IRRITATION. COMBUSTIBLE.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR FOR HIGH CONCENTRATIONS.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION AND LOCAL EXHAUST REQUIRED. USE EXPLOSION PROOF MOTOR.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GOGGLES  
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.  
IMPERMEABLE APRON.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.  
Supplemental Safety and Health  
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO  
NOT BREATHE VAPORS OR MISTS.

## Chemical Properties

HCC:F4  
Boiling Pt:B.P. Text:256F,124C  
Vapor Pres:6.2  
Vapor Density:2.62  
Spec Gravity:0.990  
pH:12.8  
Evaporation Rate & Reference:0.62(N-BUTYL ACETATE=1)  
Solubility in Water:COMPLETE  
Appearance and Odor:BLUE TO GREEN BROWN LIQUID, SLIGHT PLEASANT ODOR.  
Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

## Disposal

Waste Disposal Methods:INCINERATE IN A FURNACE WHERE PERMITTED UNDER  
APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS.

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