

DYNALOY INC -- URESOLVE PLUS -- 6850-01-311-1180

===== Product Identification =====

Product ID: URESOLVE PLUS  
MSDS Date: 09/01/1989  
FSC: 6850  
NIIN: 01-311-1180  
MSDS Number: BHQRN  
=== Responsible Party ===  
Company Name: DYNALOY INC  
Address: 7 GREAT MEADOW LN  
City: EAST HANOVER  
State: NJ  
ZIP: 07936-1703  
Country: US  
Info Phone Num: 201-887-3678  
Emergency Phone Num: 201-887-3678  
Preparer's Name: JAY W. PARTON

CAGE  
:27905  
=== Contractor Identification ===  
Company Name: DYNALOY INC  
Address: 7 GREAT MEADOW LN  
City: EAST HANOVER  
State: NJ  
ZIP: 07936-1703  
Country: US  
Phone: 201-887-9270/201-887-3678 FAX  
CAGE: 27905  
Company Name: DYNALOY, INC.  
Address: 1910 SOUTH STATE AVE.  
Box: City: INDIANAPOLIS  
State: IN  
ZIP: 46203  
Country: US  
Phone: 317-788-9925; 703-527-3887  
CAGE: 27908

===== Composition/Information on Ingredients =====

Ingred Name: 2-METHOXYETHANOL (EGME) (SARA III)  
CAS: 109-86-4  
RTECS #: KL5775000  
Fracti

on by Wt: 60-80%  
OSHA PEL:S, 25 PPM  
ACGIH TLV:S, 5 PPM; 9192

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 2-4%  
OSHA PEL:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:OTHER COMPONENTS (TYPE NOT SPECIFIED)

===== Hazards Identification =====

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 TR  
ACT 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 Measures =====

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 MINUT

ES, 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 Measures =====

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 Measures =====

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 and Storage =====

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/Personal Protection =====

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.

===== Physical/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 and Reactivity Data =====

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 Considerations =====

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

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