

DYNALOY, INC. -- DYNASOLVE MP-500 (ALUMINUM GRADE) -- 6850-01-127-8875

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

Product ID:DYNASOLVE MP-500 (ALUMINUM GRADE)

MSDS Date:09/01/1989

FSC:6850

NIIN:01-127-8875

MSDS Number: BGNCQ

=== Responsible Party ===

Company Name:DYNALOY, INC.

Address:7 GREAT MEADOW LANE

City:HANOVER

State:NJ

ZIP:07936-1703

Country:US

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

Emerge

ncy Phone Num:201-887-9270

Preparer's Name:JAY W. PARTON

CAGE:27908

=== Contractor Identification ===

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

Company Name:KEYSTONE RUSTPROOFING INC

Address:1910 DR THOMAS BLVD

Box:City:ARNOLD

State:PA

ZIP:15068-4306

Country:US

Phone:412-339-7588

CAGE:28613

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

Ingred Name:2-METHOXYETHANO

L (EGME) (SARA III)
CAS:109-86-4
RTECS #:KL5775000
Fraction by Wt: 60-80%
Other REC Limits:2 PPM-SEE SUPP DATA
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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP
:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:ACUTE:EYE AND SKIN
IRRITATION,HEADACHE,DIZZINESS,DROWSINESS CHRONIC:INJURY TO BONE
MARROW AND BLOOD CELLS,KIDNEY,LIVER AND TESTS
Explanation of Carcinogenicity:ANIMAL SUSPECTED (LAB)
Effects of Overexposure:FATIGUE,NAUSEA,VOMITING,TREMOR,CONFUSE INJURY
TO BONE MARROW,BLOOD CELLS,KIDNEY,LIVER AND TESTS. (SEE HEALTH
DATA)
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN

===== First
Aid Measures =====

First Aid:SKIN CONTACT-FLUSH W/WATER;EYE CONTACT-FLUSH W/WATER & BORIC
ACID-ANTIDOTE-DILUTE VINEGAR;PROLONGED EXPOSURE TO VAPORS-BREATHE
FRESH AIR OR OXYGEN.

===== Fire Fighting Measures =====

Flash Point Method:CC
Flash Point:227F,108C
Lower Limits:1.8
Upper Limits:14.0
Extinguishing Media:CO*2,FOAM,SAND
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA
Unusual Fire/Explosion Hazard:N

ONE NOTED

===== Accidental Release Measures =====

Spill Release Procedures:FLUSH WITH WATER

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL AREA AWAY FROM FLAME & SPARKS.MAY BE STORED IN POLYETHYLENE,GLASS,STEEL CONTAINERS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE TLV/PE

L
Ventilation:MECHANICAL,USE IN HOOD

Protective Gloves:BUTYL RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH, SAFETY SHOWER;IMPERMEABLE GLOVES AND APRON

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN; DO NOT BREATHE VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

2 PPM IS MFR RECOMMENDED VALUE FOR WOMEN OF CHILD BEARING;ITEM IS HAZARDOUS TO FETUS.

===== Physical/Chemical Properties =====

HCC:B

3

Boiling Pt:B.P. Text:256F/124C

Vapor Pres:6.2

Vapor Density:2.62

Spec Gravity:0.97

pH:13.5

Evaporation Rate & Reference:0.62 (BU AC=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:FLAME,IGNITION SOURCES

Hazardous Decomposition Products:CO,CO*2

===== Disposal Considerations =====

Waste Disposal Methods:DILUTE WITH AT LEAST 10 TIMES THE VOLUME OF WATER.ALLOW PRECIPITATE THAT WILL FORM TO SETTLE.DISPOSE OF CLEAR LIQUID IN DRAINS,PRECIPITATE WITH OTHER SOLID WASTE.ALL THIS SHOULD BE DONE IAW FEDERAL,S TATE & LOCAL REGS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.