

MAGNAFLUX CORPORATION -- ZE-4B ZYGLO EMULSIFIER -- 6850-01-263-8225

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

Product ID:ZE-4B ZYGLO EMULSIFIER

MSDS Date:01/29/1987

FSC:6850

NIIN:01-263-8225

Kit Part:Y

MSDS Number: BGRQB

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W. LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:312-867-8000

Emergency Phone N

um:312-867-8000

Preparer's Name:BRUCE C. GRAHAM

CAGE:37676

=== Contractor Identification ===

Company Name:ILLINOIS TOOL WORKS INC MAGNAFLUX DIV

Address:3624 WEST LAKE AVENUE

Box:City:GLENVIEW

State:IL

ZIP:60025

Country:US

Phone:847-657-5300/

CAGE:37676

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

Ingred Name:DISTILLATES (PETROLEUM),HYDROTREATED HEAVY NAPHTHENIC

CAS:64742-52-5

RTECS #:PY8035000

Fraction by Wt: >60.0%

Ingred Name:TERPINEOL,ALPHA-

CAS:98-55-5

RTECS #:WZ67

00000

Fraction by Wt: 10.0%

Ingred Name:UNIDENTIFIED COMPONENTS

Fraction by Wt: 200F/>93C

Lower Limits:6.0

Upper Limits:1.0

Extinguishing Media:CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:WHEN INVOLVE IN COMBUSTION,MAY EMIT TOXIC GASES AT OR ABOVE DECOMPOSITION TEMPERATURE.

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

Spill Release Procedures:REMOVE IGNITION SOURCES.SM QTY:WIPE UP OR MOP UP B

UT DO NOT BREATHE VAPORS.PLACE RAGS IN CLOSED DRUMS; LG QTY:WEAR PERSONAL SAFETY EQUIPMENTS.DIKE AREA FAR AHEAD.ABSORB LIQUID WITH COMMERCIAL ABSORBEN T.TRANSFER WASTE MATL IN SALVAGE TANKS.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES IN WELL VENTILATED AREA.AVOID AGAINST PHYSICAL DAMAGE TO CONTAINERS.KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:DO NOT BREATHE VAPORS.DO NOT SMOKE WHILE USING.DO NOT

HEAT ABOVE 130F(54C).AVOID FREQUENT OR PROLONGED SKIN CONTACT.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR CONFINED AREAS.

Ventilation:GENERAL ROOM VENTILATION TO KEEP TLV BELOW LIMITS.

Protective Gloves:USE NITRILE RUBBER GLOVES IF NEEDED.

Eye Protection:FULL GOGGLES/SAFETY GLASSES W/SIDESHIELD

Other Protective Equipment:NOT KNOWN.

Work Hygienic Practices:WASH OFF PROMPTLY WITH WATER.AVOID SKIN

CONTACT.

Supplemental Safety and Health

NSN FOR 2 PARTS SET.PER QPL-25135-15,THE SET MAY CONSIST OF ZL-30B,ZL-37,OR ZL-38 WITH ZE-4B OR ZE-3 EMULSIFIER UNDER TYPE I, METHOD B,LEVEL 4 OF MIL-I-25135D;THIS ENTRY DESCRIBES ZE-4B;I/A/W QPL,THIS EMULSIFIER IS ALSO A QUALIFIED PRODUCTFOR OTHER SENSITIVITY LEVELS WITH THE COMBINATION OF SEVRL PENETRANTS;KEY1:N1.

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

HCC:N1

Boiling Pt:B.P. Text:410F/210C

Vap

or Pres:0.25@100F  
Vapor Density:>1.0  
Spec Gravity:0.92  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:PINK OILY LIQUID.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NOT KNOWN.  
Stability Condition to Avoid:HEAT,HIGH TEMPERATURE.  
Hazardous Decomposition Products:EMITS OXIDES OF CARBON WHEN BURNING.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF AS EPA HAZARDOUS WASTE  
D001 (IGNITABLE WASTE),IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE,LOCAL REGULATIONS;IF LOCAL AUTHORITIES PROHIBIT DUMPING RINSINGS DOWN THE SEWER,PURIFY RINSINGS WITH MAGNAFLUX WASTEWATER TREATMENT

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.