

MAGNAFLUX CORPORATION -- ZE-4B ZYGLO EMULSIFIER -- 6850-01-264-0836

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

Product ID:ZE-4B ZYGLO EMULSIFIER

MSDS Date:01/29/1987

FSC:6850

NIIN:01-264-0836

Kit Part:Y

MSDS Number: BGRTL

=== 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 Nu

m: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 #:WZ670

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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 BUT

DO NOT BREATHE VAPORS.PLACE RAGS IN CLOSED DRUMS; LG
QTY:WEAR PERSONAL SAFETY EQUIPMENTS.DIKE AREA FAR AHEAD.ABSORB
LIQUID WITH COMMERCIAL ABSORBENT.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 RESPIRATORS FOR CONFINED
AREAS.

Ventilation:GENERAL ROOM VENTILATION TO KEEP BELOW TLV 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 SK
IN CONTACT

Supplemental Safety and Health

NSN IS FOR A 2 PARTS SET OF MIL-I-25135D I/A/W QPL-25135-15,THE SET
UNDER TYPE I,METHOD B,LEVEL 2 MAY CONSIST OF ZL-2C OR ZL-2D
PENETRANT AND ZE-3 OR ZE-4B EMULSIFIER.THIS ENTRY DESCRIBES
ZE-4B;THE QP L ALSO INDICATES THAT THIS PRODUCT CAN GO IN SEVERAL
OTHER KITS OF TYPE I,METHOD A,B,C,D & LEVEL 1,2,3,4;KEY1:N1

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

HCC:N1

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

Vapor Pres:0.25 @10

OF
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 TEMPERATURES
Hazardous Decomposition Products:EMITS OXIDES OF CARBON WHEN BURNING.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF AS EPA HAZARDOUS WASTE
D0
01 (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

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