

MAGNAFLUX CORPORATION -- ZE-4B ZYGLO EMULSIFIER -- 6850-01-268-6708

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

Product ID:ZE-4B ZYGLO EMULSIFIER

MSDS Date:01/29/1987

FSC:6850

NIIN:01-268-6708

MSDS Number: BGSDJ

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W.LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656

Country:US

Info Phone Num:312-867-8000

Emergency Phone Num:312-867-8000

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reparer'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 #:WZ6700000

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 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 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 SKIN CONTACT.

Su

pplemental Safety and Health

NSN IS FOR TYPE I,METH B,LEVEL 1 OF MIL-I-25135D;THIS ENTRY DESCRIBES  
ZE-4B EMULSIFIER AS SINGLE ITEM OF TYPE I,METH B,LVL 1;ZE-4B ALSO  
GOES WITH ZL-1D PENETRANT AS A PART OF KIT UNDER ABOVE TYPE/METH  
/LVL;QPL-25135-15 ALSO QUALIFD THIS PROD TO GO WITH SEVERAL  
PENETRANTS IN VARIOUS KITS OF TYPES I/II,METH A-D,LVL 1-4.

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

HCC:N1

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

Vapor Pres:0.25 @100F

Vapo

r 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  
D001 (IGN

ITABLE WASTE),IN ACCORDANCE WITH ALL APPLICABLE

FEDERAL,STATE,LOCAL REGULATIONS;IF LOCAL AUTHORITIES PROHIBIT

DUMPING RINSINGS DOWN THE SEWER,P URIFY RINSINGS WITH MAGNAFLUX

WASTEWATER TREATMENT

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