

MAGNAFLUX CORPORATION -- ZE-3 ZYGLO EMULSIFIER (POST 5/1986) -- 6850-00-782-2737

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Product Identification
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Product ID:ZE-3 ZYGLO EMULSIFIER (POST 5/1986)

MSDS Date:06/22/1989

FSC:6850

NIIN:00-782-2737

MSDS Number: BFPNF

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W. LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:807-867-8000

E

mergency Phone Num:807-867-8000

Preparer's Name:BRUCE C. GRAHAM, CH. CHEM

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

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Composition/Information on Ingredients
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Ingred Name:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

Fraction by Wt: 50.0%

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3/10

STEL;9192

Ingred Name:UNIDENTIFIED COMPONENTS
Fraction by Wt: 50.0%

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Hazards Identification
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Health Hazards Acute and Chronic:ACUTE:MAY IRRITATE EYES.SEE
OVEREXPOSURE SYMPTOMS.

Effects of Overexposure:INHALATION: NOT LISTED BY MANUFACTURER;
HOWEVER,FINE SPRAY/MIST MAY IRRITATE BREATHING PASSAGES; EYES:
LIQUID/MIST CAUSES IRRITATION; SKIN: PROLONGED OR REPEATED CONTACT
CAUSES IRRITATION BY DISSOLVING SKIN OILS; INGESTION: CAUSES

GASTRIC UPSET.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY THE MANUFACTURER.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR; SKIN: REMOVE CONTAMINATED
CLOTHES.WASH OFF PROMPTLY WITH SOAP & WATER.USE SOOTHING LOTION.GET
MEDICAL HELP IF IRRITATION PERSISTS; EYES: IMMEDIATELY RINSE EYES
WITH COPIOUS AMOUNT OF WATER.GET MEDICAL ASSISTANCE IF IRRITATION
PERSISTS; INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL
ATTENTION
IF INGESTED.

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Fire Fighting Measures
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Flash Point Method:PMCC

Flash Point:325F/163C

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.

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Accidental Release Measures
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Spill Release Procedures:REMOVE IGNITION SOURCES.SMALL SPILL:
WIPE UP OR

MOP UP BUT DO NOT BREATHE VAPORS.PLACE RAGS IN CLOSED DRUMS; LARGE
SPILL: WEAR PERSONAL SAFETY EQUIPMENTS.DIKE AREA FAR AHEAD.ABSORB
LIQUID WITH COMMERCIAL ABSORBENT.TRANSFER WASTE MATERIAL IN SALVAGE
TANKS.

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Handling and Storage
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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 B

REATH THE VAPORS.DONOT SMOKE WHILE USING.DONOT HEAT ABOVE 130F(54C).AVOID FREQUENT OR PROLONGED SKIN CONTACT.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR IN CONFINED AREAS.

Ventilation:GENERAL ROOM VENTILATION TO KEEP LEVELS BELOW TLV LIMITS.

Protective Gloves:IF NEEDED,USE NITRILE RUBBER GLOVES.

Eye Protection:FULL GOGGLES OR SAFETY GLASSES W/SHIELDS

Other Protective Equipment:NOT KNOWN.

Work Hygienic Practices:WA

SH OFF PROMPTLY WITH WATER.AVOID SKIN

CONTACT.LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NSN IS FOR TYPE I, METHOD B, LEVEL 3 OF MIL-I-25135E. I/A/W

QPL-25135-15, ZE-4B IS ALSO TYPE I, METHOD B, LEVEL 3 PENETRANT.

MFR MAY SUPPLY ONE OF THESE TWO EMULSIFIERS. THIS ENTRY DESCRIBES

ZE-3; SEE PN IND 'C' FOR ZE-4B.

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

HCC:N1

Boiling Pt:B.P. Text:>450F/>232C

Vapor Pres:0.3 @100F

Vapor De

nsity:>1.0

Spec Gravity:0.945

pH:8.0

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS PINK LIQUID.

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

Stability Indicator/Materials to Avoid:YES

NONE STATED BY MANUFACTURER.

Stability Condition to Avoid:HEAT,HIGH TEMPERATURES.

Hazardous Decomposition Products:EMITS OXIDES OF CARBON IF BURNING.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF AS EPA HAZ

ARDOUS WASTE

D001 (IGNITABLE WASTE),IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL,STATE,LOCAL REGULATIONS.

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