

MAGNAFLUX -- ZYGLO EMULSIFIER ZR-10B -- 6850-01-266-4552

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

Product ID:ZYGLO EMULSIFIER ZR-10B

MSDS Date:05/02/1996

FSC:6850

NIIN:01-266-4552

Status Code:A

Kit Part:Y

MSDS Number: CKTFJ

=== Responsible Party ===

Company Name:MAGNAFLUX

Address:3624 WEST LAKE AVENUE

City:GLENVIEW

State:IL

ZIP:60025

Country:US

Info Phone Num:847-657-5300

Emergency Phone Num:847-657-53

00 / 5388 (FAX)

Resp. Party Other MSDS Num.:PART 2 OF 2.

Preparer's Name:CHERI A. ZELEZNIK

Chemtrec Ind/Phone:(800)424-9300

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/

Contract Num:SP0450-99-M-C506

CAGE:37676

Company Name:MAGNAFLUX DIV OF ILLINOIS TOOL WKS INC

Address:3624 WEST LAKE AVENUE

City:GLENVIEW

State:IL

ZIP:60025

Country:US

Phone:847-657-5

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Composition/Information on Ingredients
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Ingred Name:POLY (OXY-1,2-ETHANEDIYL), A(NONYLPHENYL)-W-HYDROXY
CAS:9016-45-9
RTECS #:MD0900000
Minumum % Wt:60.
Maxumum % Wt:100.
Other REC Limits:NONE RECOMMENDED

Ingred Name:2-METHYL-2,4-PENTANEDIOL
CAS:107-41-5
RTECS #:SA0810000
Minumum % Wt:30.
Maxumum % Wt:60.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 25 PPM
ACGIH TLV:C 25 PPM; 9596

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN CONTACT: CAN IRRITATE BY REMOVING
NATURAL SKIN OILS ON LONG OR REPEATED EXPOSURES. EYES: IRRITATING.
INHALATION: NOT SIGNIFICANT AT ROOM TEMPERATURES. WHEN HEATED OR
SPRAYED, ZR-10B VAPORS MAY CAUSE DIZZINESS AND NAUSEA. INGESTION:
NOT SIGNIFICANT IN SMALL (MOUTHFUL) AMOUNTS.
Explanation of Carcinogenicity:CONTAINS NO KNOWN OR SUSPECTED
CARCINOGENS LISTED WITH OSHA, IARC, NTP, OR ACGIH.
Effects of Overexposure:IRRITATION.
Medical Cond Aggravated by Exposure:NONE.

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First Aid Measures
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First Aid:EYES: RINSE CAREFULLY UNDER UPPER AND LOWER EYELIDS USING
PLENTY OF WATER. SKIN: WASH OFF WITH SOAP AND WATER. USE SOOTHING
LOTION. INHALATION: REMOVE TO FRESH AIR. INGESTION: DO NOT INDUCE
VOMITING. ACCIDENTAL INGESTION OF A SMALL MOUTHFUL IS NOT EXPECTED

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TO CAUSE SIGNIFICANT HARM. NOTE: IN SEVERE CASES, CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:=93.3C, 200.F

MINIMUM

Lower Limits:1

Upper Limits:6

Extinguishing Media:CARBON DIOXIDE, FOAM.

Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY. IN USE, PRODUCT IS DISSOLVED INTO WATER, NEARLY ELIMINATING ITS ABILITY TO BURN.

Unusual Fire/Explosion Hazard:
NONE.

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

Spill Release Procedures:MOP UP OR SWEEP UP WITH ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID BREATHING SPRAY MIST. AVOID EYE CONTACT. AVOID REPEATED OR PROLONGED SKIN CONTACT.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

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Respiratory Protection:RESPIRATOR WITH FILTER IF SPRAYED IN ENCLOSED , UNVENTILATED SPACE.

Ventilation:NONE UNLESS APPLIED AS SPRAY. USE WHERE VENTILATION WILL CARRY SPRAY MIST AWAY FROM OCCUPIED AREAS.

Protective Gloves:NITRILE RUBBER GLOVES IF HAND EXPOSURE UNAVOIDABLE.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

THIS ENTRY, MSDS SERIAL # CKTFJ, DESCRIBES THE EMULSIFIER 2 ZL-10B, PART 2 OF A TWO PART KI

T. SEE THIS NSN FOR PENETRANT, ZL-37, MSDS
SERIAL # CKTFH, FOR PART ONE DATA.

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

HCC:V4
Boiling Pt:=196.1C, 385.F
B.P. Text:MINIMUM (BULK)
Vapor Pres:1
Spec Gravity:0.9
pH:NEUTRAL
Evaporation Rate & Reference:NEGLIGIBLE
Solubility in Water:100%
Appearance and Odor:PINK, VISCOUS LIQUID; MILD ODOR.
Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES
NONE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:SOOT, OXIDES OF CARBON IF HEATED TO
COMBUSTION TEMPERATURES..

===== Toxicological Information =====

Toxicological Information:CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS
LISTED WITH OSHA, IARC, NTP, OR ACGIH. THRESHOLD LIMIT VAL: 5 MG/M3
FOR OILY MIST. WHMIS INFORMATION (CANADA): ACCORDING TO AVAILABLE
INFORMATION, THE INGREDIENTS
HAVE NOT BEEN FOUND TO SHOW
REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY, SKIN
SENSITIZATION, OR SYNERGISTIC TOXIC EFFECTS WITH OTHER MATERIALS.

===== Ecological Information =====

Ecological:NO DATA IS AVAILABLE ON ZR-10B. IT DISSOLVES INTO WATER AND
IS BIODEGRADABLE. THE VAPOR PRESSURE MAY EXEMPT IT FROM VOC
RESTRICTIONS.

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

Waste Disposal Methods:AS A NON-HAZARDOUS OIL

WASTE, INCINERATE OR SEND
TO WASTE HANDLER WHO CAN BLEND IT INTO SECONDARY FUELS.

===== MSDS Transport Information =====

Transport Information:BULK: NOT REGULATED FOR TRANSPORTATION.

===== Regulatory Information =====

SARA Title III Information:CERCLA: NOT REPORTABLE. SARA TITLE III,
SECTION 313: NO REPORTABLE INGREDIENTS.

Federal Regulatory Information:TSCA: ALL INGREDIENTS ARE LISTED IN TSCA
INVENTORY.

State Regu

latory Information:CALIFORNIA PROPOSITIO 65: CONTAINS NOTHING
ON THIS LIST. WHMIS CLASS (CANADA): D-25. NOTE: THIS MSDS HAS BEEEN
PREPARED TO MEET WHMIS (CANADA) REQUIREMENTS WITH THE EXCEPTION OF
USING 16 HEADINGS.

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