

MAGNAFLUX DIV OF ILLINOIS TOOL WKS INC -- ZYGLO EMULSIFIER ZR-10B -- 6850-01-121-0948

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

Product ID:ZYGLO EMULSIFIER ZR-10B

MSDS Date:05/02/1996

FSC:6850

NIIN:01-121-0948

MSDS Number: CDXLK

=== Responsible Party ===

Company Name:MAGNAFLUX DIV OF ILLINOIS TOOL WKS INC

Address:3624 WEST LAKE AVENUE

City:GLENVIEW

State:IL

ZIP:60025

Country:US

Info Phone Num:847-657-53

00 / 5338 (FAX)

Emergency Phone Num:847-657-5300 / 5388 (FAX)

Preparer's Name:CLERI A. ZELEZNIK

CAGE:KO362

=== 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

Company Name:MAGNAFLUX DIV OF ILLINOIS TOOL WKS INC

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ZIP:60025

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Phone:847-657-5300 / 5338 (FAX)

CAGE:KO362

===== Composition/In

formation on Ingredients =====

Ingred Name:POLY (OXY-1,2-ETHANEDIYL), ALPHA (NONYLPHENYL)-W-HYDROXY OR
NONYLPHENOL POLYETHOXATE

CAS:9016-45-9

RTECS #:MD0900000

Fraction by Wt: 60-100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:2-METHYL-2,4-PENTANEDIOL OR HEXYLENE GLYCOL

CAS:107-41-5

RTECS #:SA0810000

Fraction by Wt: 30-60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 25 PPM

ACGIH TLV:C 25 PPM; 9596

===== Hazards Identification =====

LD50 LC50

Mixture:TLV=5 MG/M3 FOR OILY MIST

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 ON LONG OR
REPEATED EXPOSURES. IRRITATING ON EYE CONTACT. NO SIGNIFIGANT
HEALTH EFFECTS ON INHALATION OR INGESTION OF SMALL MOUTHFULS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexp

osure:SKIN-IRRITATION. EYES-IRRITATION.

INHALED/INGESTED-NONE NOTED.

Medical Cond Aggravated by Exposure:NONE.

===== First Aid Measures =====

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. SKIN-WASH
WITH MILD SOAP & WATER. USE SOOTHING LOTION. INHALED-REMOVE TO
FRESH AIR. INGESTED-DO NOT INDUCE VOMITING! ACCIDENTAL INGESTION OF
A SMALL MO UTHFUL IS NOT EXPECTED TO CAUSE SIGNIFIGANT HARM. NOTE:
IN SEVERE CASES, CONTACT PHYSIC

IAN OR POISON CONTROL CENTER
IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:200F,93C

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 IN WATER, NEARLY ELIMINATING ITS ABILITY TO
BURN.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Rel

ease 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 =====

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE
OR AN E

MERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR
AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR
1910.134.

Ventilation:USE WHERE VENTILATION WILL CARRY SPRAY MIST AWAY FROM
OCCUPIED AREAS.

Protective Gloves:NITRILE.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safet

y and Health

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

HCC:N1

Boiling Pt:B.P. Text:385F,196C

Vapor Pres:1

Spec Gravity:0.9

pH:7

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:COMPLETE

Appearance and Odor:PINK, VISCOUS LIQUID; MILD ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardo

us Decomposition Products:SOOT, OXIDES OF CARBON.

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

Waste Disposal Methods:AS A NON-HAZARDOUS OIL WASTE, INCINERATE OR SEND
TO WASTE HANDLER WHO CAN BLEND IT INTO SECONDARY FUELS. EPA/RCRA
WASTE NUMBER: NONE.

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