

MAGNAFLUX CORPORATION -- ZR-10B REMOVER (HYDROPHILIC EMULSIFIER) -- 6850-01-266-4550

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Product Identification
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Product ID:ZR-10B REMOVER (HYDROPHILIC EMULSIFIER)

MSDS Date:07/17/1986

FSC:6850

NIIN:01-266-4550

MSDS Number: BGRYN

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W. LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656

Country:US

Info Phone Num:312-867-800

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Emergency Phone Num: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

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Composition/Information on Ingredients
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Ingred Name:HEXYLENE GLYCOL

CAS:107-41-5

RTECS #:SA0810000

Fraction by Wt: 65.0%

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Hazards Identification
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Route

s of Entry: Inhalation:NO Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:IRRITATES EYES.
Effects of Overexposure:INHALATION:CAUSES DIZZINESS,DROWSINESS,NAUSEA;
SKIN:LIQUID IRRITATES BY DISSOLVING SKIN OIL; EYES:VAPORS/LIQUID
CAUSES IRRITATION;INGESTION:MAY BE HARMFUL.
Medical Cond Aggravated by Exposure:NOT KNOWN.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT,GIVE
OXYGEN; SKIN:REMOVE
CONTAMINATED CLOTHES.WASH OFF WITH FLOWING
WATER.USE SOOTHING LOTION.IF IRRITATION PERSISTS,GET MEDICAL ATTN;
EYES:IMM EDIATELY RINSE/FLUSH WITH COPIOUS AMOUNT OF RUNNING
WATER,AND GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:>200F/>93C
Extinguishing Media:CARBON DIOXIDE,FOAM,WATER.
Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:WHEN INVOLVE IN COMBUSTIO
N,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:WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE. IN
CONFINED AREA,WEAR A FULL MASK WITH SEPARATE AIR SUPPLY.
Ven

tilation:GENERAL VENTILATION TO KEEP BELOW 350PPM LIMIT.

Protective Gloves:NITRILE RUBBER GLOVES.

Eye Protection:FULL GOGGLES.

Other Protective Equipment:EITHER USE IN A SPRAY BOOTH OR NEXT TO AN EXHAUST VENT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING PRODUCT. LAUNDER CONTAMINATED CLOTHES BEFORE RE-USE.

Supplemental Safety and Health

NSN FOR SET/KIT OF MIL-I-25135D, TYPE I,METHD D,LEVL 4;SET MAY CONSIST OF ZL-30B OR ZL-37 PENETRANT AND ZR-10A OR ZR-10B EMULSIFIER OR 20% CONCENTRATION AS SPECIFIED IN QPL-25135-15;ZR-10A/ZR-10B REMV R IS HYDROPHILIC EMULSIFIER;THIS ENTRY OF ZR-10B;ALSO AVAILABLE AS INDEPENDENT ITEM;KEY1:N1;FOR PENETRANTS,SEE PNI A & B

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

HCC:N1

Boiling Pt:B.P. Text:400F/204C

Vapor Pres:1.0

Spec Gravity:0.9

pH:7.0

Solubility in Water:COMPLETE

Appearance and Odor:PINK OILY LIQUID

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

Stability Indicator/M

aterials to Avoid:YES

NOT KNOWN BY MFR.

Stability Condition to Avoid:HEAT,HIGH TEMPERATURES.

Hazardous Decomposition Products:EMITS OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF AS EPA HAZARDOUS WASTE D001 (IGNITABLE WASTE),IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE,LOCAL REGULATIONS.

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