

MAGNAFLUX CORPORATION -- ZR-10A REMOVER (HYDROPHILIC EMULSIFIER) -- 6850-01-121-3007

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

MSDS Date:05/28/1986

FSC:6850

NIIN:01-121-3007

MSDS Number: BGMVY

=== 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:2-(2-BUTOXYETHYL) ETHANOL

CAS:112-34-5

RTECS #:KJ9100000

Fraction by Wt: 200F/>93C

Extinguishing Media:CARBON DIOXIDE,FOAM,WATER.

Fire Fighting P

rocedures: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:WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE. IN CONFINED AREAS,WEAR A FULL MASK WITH SEPARATE AIR SUPPLY.

Ventilation:GENERAL VENTILATION TO KEEP BELOW TLV LIMITS.

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.LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NSN FOR TYPE I,METHOD D,LEVEL 4 OF MIL-I-25135;ZR-10A IS A QUALIFIED

EMULSIFIER FOR TYPE I,METHOD D,LEVELS 1,2,3,&4 UNDER QPL-25135-15 OF MIL-I-25135D;THIS PRODUCT IS NOT REMOVER BUT HYDROPHILIC (WATE R SOLUBLE)EMULSIFIER;ZR-10A OR ZR-10B ALSO AVAILABLE IN SETS WITH SEVERAL PENETRANTS SUCH AS ZL-30B OR ZL-37.

===== 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

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

Stability Indicator/Materials to Avoid: YES

NOT KNOWN TO 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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vided with this information by the compiling agencies):

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