

MAGNAFLUX CORPORATION -- ZL-15B ZYGLO WATER WASH PENETRANT -- 6850-01-263-9775

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

Product ID:ZL-15B ZYGLO WATER WASH PENETRANT

MSDS Date:01/29/1987

FSC:6850

NIIN:01-263-9775

MSDS Number: BGRSN

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W.LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656

Country:US

Info Phone Num:312-867-8000

Emergency Ph

one Num:312-867-8000

Preparer's Name:MR.BRUCE GRAHAM (CHEMIST)

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

===== Composition/Information on Ingredients =====

Ingred Name:DISTILLATES,(PETROLEUM)HYDROTREATED MIDDLE

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 93C

Lower Limits:6.0

Upper Limits:1.0

Extinguishing Media

:CARBON DIOXIDE,FOAM

Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.DO NOT SPRAY WATER ON BURNING PRODUCT.

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 ABSORBENT.TRANSFER WASTE MATERIAL TO 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.

===== E

xposure Controls/Personal Protection =====

Respiratory Protection:WEAR A RESPIRATOR WITH ABSORBENT CARTRIDGE IN POORLY VENTILATED AREAS.IN CONFINED,UNVENTILATED SPACES,WEAR FULL MASK WITH AIR SUPPLY.

Ventilation:GENERAL VENTILATION TO KEEP BELOW TLV LIMITS.

Protective Gloves:NITRILE RUBBER GLOVES

Eye Protection:CHEMICAL SPLASH/FULL GOGGLES

Work Hygienic Practices:WASH HANDS WITH SOAP/WATER AFTER HANDLING/USE.

Supplemental Safety and Health

ZL-15B WATER WASH PENETRANT IS ONE PART

TO TEN PARTS; QPL-25135-15 QUALIFIED

ZL-15B UNDER TYPE I,METHOD A,LEVEL 1/2(LEVEL 1 OR 2) OF MIL-I-25135,REVISION D; NSN ESTABLISHED DURING 1987.

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

HCC:N1

Boiling Pt:B.P. Text:410F/210C

Vapor Pres:0.5 @ 100F

Vapor Density:>1.0

Spec Gravity:0.88

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN OILY LIQUID,PETROLEUM HYDROCARBON ODOR

Percent Volatiles by Volume:5.0%

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

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT,HIGH TEMPERATURES

Hazardous Decomposition Products:EMITS OXIDES OF CARBON WHEN BURNING.

===== 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;IF LOCAL REGS PROHIBIT DUMPING
RINSINGS DOWN THE SEWER
,PURIFY R INSINGS WITH MAGNAFLUX WASTEWATER
TREATMENT SYSTM.

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