

MAGNAFLUX CORPORATION -- ZL-15B ZYGLO WATER WASH PENETRANT -- 6850-01-269-4151

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

Product ID:ZL-15B ZYGLO WATER WASH PENETRANT

MSDS Date:01/29/1987

FSC:6850

NIIN:01-269-4151

MSDS Number: BGSGD

=== 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

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 Proce

dures: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 COMM
ERCIAL ABSORBEN T.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.

===== Exposure Controls/Personal Protection ==
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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 ITEM; QPL-25135-15 QUALIFIED
ZL-15

B UNDER TYPE I,METHOD C,LEVEL 1/2(LEVEL 1 OR 2) OF
MIL-I-25135,REVISION D; NSN ESTABLISHED IN 1987 WAS FOR TYPE
I,METHOD C,LEV EL 2;THE QPL ALSO QUALIFIED OTHER PRODUCT OF
MAGNAFLUX UNDER SAME TYPE,METHOD & LEVEL.SEE OTHER PNIS.

===== 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 O

DOR
Percent Volatiles by Volume:5.0%

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

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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