

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  
Exposure 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

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 =====

=====

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 RINSINGS WITH MAGNAFLUX WASTEWATER TREATMENT SYSTEM.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.