

MAGNAFLUX CORPORATION -- ZL-19 ZYGLO WATER WASH PENETRANT -- 6850-01-263-8437

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Product Identification  
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Product ID:ZL-19 ZYGLO WATER WASH PENETRANT

MSDS Date:11/17/1986

FSC:6850

NIIN:01-263-8437

MSDS Number: BGRSD

=== 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 Pho

ne Num:312-867-8000

Preparer's Name:BRUCE C.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

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Composition/Information on Ingredients  
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Ingred Name:KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 10.0%

ACGIH TLV:100MG/CUM

Ingred Name:DISTILLATES, (PETROLEUM) HYDROTREATED MIDDLE

CAS:64742-

46-7  
RTECS #:JN9379645  
Fraction by Wt: 200F/>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 BU  
T 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 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 W  
HILE USING.DO NOT  
HEAT ABOVE 130F(54C).AVOID FREQUENT OR PROLONGED SKIN CONTACT.

===== 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 WIT  
H SOAP/WATER AFTER HANDLING/USE.  
Supplemental Safety and Health  
ITEM IS ONE PART;NSN ESTABLISHED IN 1987 WAS FOR TYPE I.METHOD C,LEVEL  
1 MATERIALS;THIS ENTRY DESCRIBES ZL-19 PENETRANT WHICH IS TYPE  
I,METHOD C,LEVEL 1 ITEM AS SPECIFIED BY QPL-25135-15 FOR MIL-I-251  
35,REC "D";SEE OTHER PNI OF THIS NSN FOR OTHER PRODUCTS OF  
MAGNAFLUX FOR THE SAME TYPE,METHOD & EVEL.KEY1:N1.

===== 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 =====

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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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