

MAGNAFLUX CORPORATION -- ZL-30B ZYGLO PENETRANT -- 6850-01-121-0946

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Product Identification
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Product ID:ZL-30B ZYGLO PENETRANT
MSDS Date:11/19/1986
FSC:6850
NIIN:01-121-0946
MSDS Number: BGMTN
=== Responsible Party ===
Company Name:MAGNAFLUX CORPORATION
Address:7300 W.LAWRENCE AVENUE
City:CHICAGO
State:IL
ZIP:60656-3504
Country:US
Info Phone Num:312-867-8000
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:DISTILLATES(PETROLEUM),CATALYTIC REFORMER FRACTIONATER
RESIDUE,LOW BOILING
CAS:68477-31-6
Fraction by Wt: 30.0%

Ingred Name:KEROSENE
CAS:8008-20-6
RTECS #:OA5500000
Fract

ion by Wt: 05.0%
ACGIH TLV:100MG/CUM

Ingred Name:LUBRICATING OIL(PETROLEUM),CLAY TREATED (MINERAL OIL-CLAY TREATED)

CAS:64742-50-3

Fraction by Wt: 10.0%

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Health Hazards Acute and Chronic:IRRITATES EYES.

Effects of Overexposure:INHALATION:CAUSES DIZZINESS,DROWSINESS,NAUSEA;
SKIN:LIQUID IRRITATES BY DISSOLVING SKIN OIL; EYES:VAPORS/LIQUID
CAUSES IRRITATION.

Medic

al Cond Aggravated by Exposure:NOT KNOWN

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First Aid Measures
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First Aid:INHALATION:REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT,GIVE
OXYGEN; SKIN:REMOVE CONTAMINATED CLOTHES.WASH OFF WITH FLOWING
WATER.USE SOOTHING LOTION.IF IRRITATION PERSISTS,GET MEDICAL ATTN;
EYES:IMM EDIATELY RINSE/FLUSH WITH COPIOUS AMOUNT OF RUNNING
WATER,AND GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash

Point Method:PMCC

Flash Point:>200F/>93C

Extinguishing Media:CARBON DIOXIDE,FOAM

Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:WHEN INVOLVE IN COMBUSTION,MAY EMIT TOXIC
GASES AT OR ABOVE DECOMPOSITION TEMPERATURE.

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Accidental Release Measures
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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.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.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR RESPIRATOR WITH FILTER CARTRIDGE IF
SPRAYING IN UNVENTILATED AREA.

Ventilation:GENERAL VENTILATION OF 1-3 CHANGES PER HOUR,WHEN SPRAYED.

Protective Gloves:NITRILE RUBBER GLOVES

Eye Protection:FULL GOGGLES

Other Protective Equipment:NOT KNOWN

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING OR USE. LAUNDRER
CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

THIS ENTRY DESCRIBES

ZL-30B WHICH REPLACED ZL-30A DURING 1986.THE OLD
PRODUCT IS DESCRIBED UNDER PNI A OF THIS NSN;I/A/W
QPL-25135-15,ITEM (ZL-30B) IS TYPE I,METHOD D,LEVEL 4 OF
MIL-I-25135;ZL-30B ALSO AVAILABLE IN KITS WITH ZL-10A OR ZL-10B
EMULSIFIER.

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

HCC:N1

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

Vapor Pres:1.0

Spec Gravity:0.96

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN LIQUID

Percent Volatiles by Volume:5%

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

Stability Indicator/Materials to Avoid: YES

NONE KNOWN

Stability Condition to Avoid: HEAT, HIGH TEMPERATURES

Hazardous Decomposition Products: EMITS OXIDES OF CARBON AND NITROGEN ON COMBUSTION

===== 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.

Discl

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