

MAGNAFLUX -- ZYGLO PENETRANT ZL-37 1 GAL CAN -- 6850-01-306-1383

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

Product ID:ZYGLO PENETRANT ZL-37 1 GAL CAN

MSDS Date:05/02/1996

FSC:6850

NIIN:01-306-1383

MSDS Number: CDCLH

=== Responsible Party ===

Company Name:MAGNAFLUX

Address:3624 W LAKE AVE

City:GLENVIEW

State:IL

ZIP:60025-5000

Country:US

Info Phone Num:847-657-5300

Emergency Phone Num:847-657-5300

Preparer

's Name:CHERI A ZELEZNIK

CAGE:59042

=== 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

Company Name:MAGNAFLUX

Address:7300 WEST LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656

Country:US

Phone:708-867-8000

CAGE:59042

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

Ingred Name:PETROLEUM OIL, HYDROTREATED HEAVY NAPHTHENIC DISTILLATE

(PETROLEUM), PETROLEUM DISTILLATES, MINERAL OIL (SEVERE)

CAS:64742-52-5

RTECS #:PY8035001

Fraction by Wt: 30-60%

Ingred Name:ISODECYL DIPHENYL PHOSPHATE \*96-3\*

CAS:29761-21-5

Fraction by Wt: 15-40%

Ingred Name:NONYLPHENOL POLYOXYETHYLENE ETHER; POLYOXYETHYLENE  
NONYLPHENOL; TERGITOL NPX; TRITON N-100; NONIONIC SURFACTANT

\*96-3\*

CAS:9016-45-9

RTECS #:MD0900000

Fraction by Wt: 3-7%

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===== Hazards Identification =====

Routes of Entry: Inhalation:NO S

kin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN/EYES: IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DIZZINESS, NAUSEA.

Medical Cond Aggravated by Exposure:NONE

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===== First Aid Measures =====

First Aid:SKIN: WASH W/SOAP & WATER. USE SOOTHING LOTION. EYES: RINSE  
W/WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DON'T INDUCE  
VOMITING. OBTAIN MEDICAL  
ATTENTION IN ALL CASES.

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===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:>200F

Lower Limits:1

Upper Limits:6

Extinguishing Media:CO2, FOAM.

Fire Fighting Procedures:KEEP CONTAINERS COOL W/WATER SPRAY. DON'T  
SPRAY WATER DIRECTLY ON BURNING PRODUCT, IT MAY FLOAT & SPREAD THE  
FIRE.

Unusual Fire/Explosion Hazard:DIFFICULT TO IGNITE, BUT WILL BURN  
VIGOROUSLY, IF ENGULFED IN FIRE.

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===== Accidental Release Measures

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Spill Release Procedures:MOP/SWEEP UP W/ABSORBENT.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES.  
Other Precautions:AVOID BREATHING SPRAY MIST & EYE/SKIN CONTACT.

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

Respiratory Protection:RESPIRATOR W/FILTER IF SPRAYED IN ENCLOSED,  
UNVENTILATED SPACE.  
Ventilation:USE WHERE VENTILATION WILL CARRY SPRAY MIST AWAY FROM

OCCUPIED AREAS.

Protective Gloves:NITRILE RUBBER  
Eye Protection:SAFETY GLASSES  
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:455F  
Vapor Pres:1  
Spec Gravity:0.96  
pH:7  
Evaporation Rate & Reference:(RM TEMP =1): NEGLIGIBLE  
Solubility in Water:INSOLUBLE  
Appearance and Odor:GREEN OILY LIQUID W/MILD ODOR  
Percent Volatiles by Volume:NONE

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

Stability Indica  
tor/Materials to Avoid:YES  
NONE  
Stability Condition to Avoid:HEAT SOURCES.  
Hazardous Decomposition Products:HEAT: SOOT, OXIDES OF CARBON

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE AS A NON-HAZARDOUS OILY WASTE,  
INCINERATE/SEND TO HANDLER WHO CAN BLEND IT INTO SECONDARY FUELS.  
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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