

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%

===== 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

===== 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.

===== 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.

===== Accidental Release Measures

=====

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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated f

or 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.