

MAGNAFLUX CORPORATION -- ZYGLO PENETRANT ZL-67 -- 6850-01-263-2263

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Product Identification  
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Product ID:ZYGLO PENETRANT ZL-67

MSDS Date:05/02/1996

FSC:6850

NIIN:01-263-2263

MSDS Number: CDGHN

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:708-867-8000

Emergency Phone Num:708-867-8000/

CHEMTREC 800-424-9300

Preparer's Name:CHERI A. ZELENIK

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:SECONDARY ETHOXYLATED FATTY ALCOHOLS

CAS:68131-40-8

RTECS #:WZ5200000

Fraction by Wt: 40-70%

Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYLOXIRANE POL

YMER W/OXIRANE, MONO AND 37311-02-7,  
52232-09-4

CAS:37251-67-5

Fraction by Wt: 10-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:NONYLPHENOL POLYETHOXATE

CAS:9016-45-9

RTECS #:MD0900000

Fraction by Wt: 7-13%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PENTANEDIOIC ACID, DIMETHYL ESTER

CAS:1119-40-0

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV: 5 MG/M3 FOR OILY MIST

Routes of Entry: I

nhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:SKIN CONTACT: CAN IRRITATE BY REMOVING  
NATURAL SKIN OIL ON LONG OR REPEATED EXPOSURE. EYES: IRRITATING.  
INHALATION: NOT SIGNIFICANT. WHEN HEATED OR SPRAYED, ZL-67 VAPORS  
MAY CAUSE DIZZINESS AND NAUSEA . INGESTION: NOT SIGNIFICANT IN  
SMALL (MOUTHFUL) AMOUNTS.

Explanation of Carcinogenicity:CONTAINS NO KNOWN OR SUSPECT CARCINOGENS  
LISTED WITH OSHA, IARC, N

TP OR ACGIH.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYES: RINSE CAREFULLY UNDER UPPER AND LOWER EYELIDS USING  
PLENTY OF WATER. SKIN: WASH OFF WITH SOAP AND WATER. USE SOOTHING  
LOTION. INHALATION: REMOVE TO FRESH AIR IF DIZZY OR NAUSEATED.  
INGESTION: DO NOT INDUCE VOMITING. ACCIDENTAL INGESTION OF A SMALL  
MOUTHFUL IS NOT EXPECTED TO CAUSE SIGN

IFICANT HARM. NOTE: IN ALL  
SEVERE CASES, CONTACT PHYSICIAN IMMEDIATELY.

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Fire Fighting Measures  
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Flash Point Method:PMCC  
Flash Point:>200F,>93C  
Lower Limits:1%  
Upper Limits:6%  
Extinguishing Media:CARBON DIOXIDE, FOAM.  
Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:NONE.

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Accidental Release Measures  
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Spill Release Procedures:MOP UP OR SWEEP UP WITH ABSORBENT.  
Ne  
utralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:AVOID BREATHING SPRAY MIST. AVOID  
REPEATED OR PROLONGED SKIN CONTACT. AVOID EYE CONTACT. STORE AWAY  
FROM HEAT SOURCE.  
Other Precautions:EMERGENCY OVERVIEW: BLAND OILY LIQUID WHICH MAY  
IRRITATE THE SKIN AND EYES. DIFFICULT TO IGNITE, BUT WILL BURN  
VIGOROUSLY IF ENGULFED IN FIRE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:RESPIRATOR WITH FILTER IF SPRAYED IN ENCLOSED,  
UNVENTILATED SPACE.  
Ventilation:NONE, UNLESS APPLIED AS SPRAY. USE WHERE VENTILATION WILL  
CARRY SPRAY MIST AWAY FROM OCCUPIED AREAS.  
Protective Gloves:NITRILE RUBBER  
Eye Protection:SAFETY GLASES  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:WASH HANDS AFTER EACH USE OF THIS PRODUCT  
Supplemental Safety and Health  
NONE

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Physical/Chemical Properties  
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HCC:N1  
Boiling Pt:B.P. Text:455F,235C  
Vapor Pres:1  
Spec Gravity:0.99  
pH:7  
Evaporation Rate & Reference:NEGLIGIBLE  
Solubility in Water:EMULSIFIES  
Appearance and Odor:GREEN, OILY LIQUID, MILD ODOR.  
Percent Volatiles by Volume:0%

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
NONE.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:SOOT, OXIDES OF CARBON AND NITROGEN IF  
HEATED TO COMBUSTION TEMPERATURE.

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Disposal Considerations  
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Waste Disposal Methods:AS A NON-HAZARDOUS OILY WASTE, INCINERATE OR  
SEND TO WASTE HANDLER WHO CAN BLEND IT INTO SECONDARY FUELS.

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