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MAGNAFLUX CORPORATION -- ZYGLO PENETRANT ZL-27 A -- 6850-00-782-2736

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

Product ID:ZYGLO PENETRANT ZL-27 A

MSDS Date:01/20/1993

FSC:6850

NIIN:00-782-2736

MSDS Number: BSVYY === Responsible Party ===

Company Name: MAGNAFLUX CORPORATION

Address:7301 WEST AINSLIE AVENUE

City:HARWOOD HTS

State:IL ZIP:60656 Country:US

Info Phone Num:708-867-8000 Emergency Phone Num:708-8

67-8000, CHEMTREC 800-424-9300 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

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

Ingred Name: WHITE MINERAL OIL (PETROLEUM)

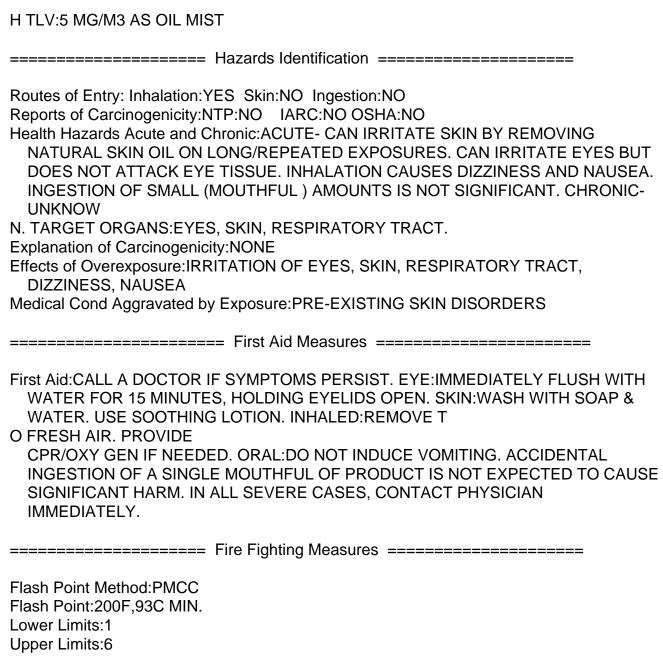
CAS:8042-47-5

RTECS #:PY8047000 Fraction by Wt: 40%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGI



Extinguishing Media:CARBON DIOXIDE OR FOAM. DO NOT SPRAY WATER ON BURNING MATERIAL; IT MAY FLOAT AND SPREAD THE FIRE.

Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE PRESSURE MODE. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:NONE

======= Accidental Release Measures ==========

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA.
MOP UP OR REMOVE WITH NON-FLAMMABLE ABSORBENT MATERIALS. PUT INTO
CONTAINER. DISPOSE AS HAZARDOUS WASTE.
Neutralizing Agent:NOT REL

EVANT
======================================
Handling and Storage Precautions:DO NOT SPRAY AROUND ARCS OR FLAME. STORE AWAY FROM HEAT SOURCES. Other Precautions:"EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS. KEEP OUT OF REACH OF CHILDREN. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. DO NOT BREATHE VAPORS/MIST. DO NOT TAKE INTERNA LLY.
====== Exposure Controls/Personal Protection ========
Respiratory Prot ection:IF TLV IS EXCEEDED, NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED. Ventilation:NONE, UNLESS APPLIED AS SPRAY. Protective Gloves:NITRILE RUBBER IF EXPOSURE UNAVOIDABLE Eye Protection:CHEMICAL SAFETY GOGGLES IF SPRAYING Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, LONG SLEEVE AND LONG PANTS Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDUR ES. Supplemental Safety and Health FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A/B/C/D/E UNDER THE SAME NSN.
========== Physical/Chemical Properties ==========
HCC:T6 NRC/State Lic Num:NOT RELEVANT Boiling Pt:B.P. Text:455F,235C

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Evaporation Rate & Description Rate & Reference: NEGLIGIBLE Solubility in Water: INSOLUBLE

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

Appearance and Odor:GREEN, OILY LIQUID

Vapor Pres:1 Spec Gravity:0.96 ========

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. AS A NON-HAZARDOUS OILY WASTE, INCINERATE IT OR SENT TO WASTE HANDLER WHO CAN BLEND IT INTO SECONDARY FUELS.

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ith this information by the compiling agencies):

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