

MAGNAFLUX CORPORATION -- SKL-LO SPOTCHECK PENETRANT (LOW ODOR) -- 6850-01-266-4553

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

Product ID:SKL-LO SPOTCHECK PENETRANT (LOW ODOR)

MSDS Date:08/19/1988

FSC:6850

NIIN:01-266-4553

MSDS Number: BGRYY

=== 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

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

Ingred Name:DISTILLATES (PETROLEUM),CATALYTIC REFORMER FRACTIONATER  
RESIDUE,LOW BOILING

CAS:64877-31-6

Fraction by Wt: 10.0%

Ingred Name:PARAFFIN OILS

CA

S:64771-72-8  
Fraction by Wt: 40.0%

Ingred Name:NAPHTHALENE (SARA III)  
CAS:91-20-3  
RTECS #:QJ0525000  
Fraction by Wt: 02.0%  
OSHA PEL:10 PPM/15 STEL  
ACGIH TLV:10 PPM/15 STEL; 9192  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:UNIDENTIFIED COMPONENTS;PER MFR,CONTAINS NO OTHER  
INGREDIENT SUSPECTED OF BEING HAZARDOUS I/A/W INFO IN  
29CFR1910.1200

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

Health Hazards Acute and Chronic:ACUTE:IRRITATING TO SKIN &  
EYES;S

IGNIFICANT AMOUNT OF VAPOR INHALATION CAN RESULT IN  
CLUMSINESS & POOR JUDGEMENT,WITH RESULTING DANGER TO THE  
VICTIM.MUCH LIKE ALCOHOL EFFECT.

Effects of Overexposure:INHALATION:CAUSES  
DIZZINESS,NAUSEA,DROWSINESS,FROM INHALATION OF SPRAY MIST;  
SKIN:CAUSES IRRITATION,DISSOLVES SKIN OILS.POSSIBLE DERMATITIS ON  
FREQUENT OR PROLONGED EXPOSURE; EYES:MODERATE IRRITATION BY  
CONTACT OF LIQUID OR SPRAY; INGESTION:LOW TOXICITY,BUT HAZARDOUS IF  
ASPIRATED INTO LUNGS BY INGESTION  
OR VOMITING.

Medical Cond Aggravated by Exposure:NOT STATED BY MANUFACTURER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE CPR.IF  
BREATHING IS DIFFICULT,GIVE OXYGEN; SKIN:WASH OFF IN FLOWING WATER  
OR SHOWER.RMV CONTAMINATED CLOTHING AND WASH BEFORE RE-USE.USE  
SOOTHING L OTION; EYES:FLUSH EYES WITH A STEADY,GENTLE FLOW OF  
WATER.GET MEDICAL ASST; INGESTION:DO NOT INDUCE VOMITING.IF VOMIT  
IS

INHALED,IT MAY CAUSE ASPHYXIATION.GET MED ATTN IMMEDIATELY;IN  
EMERGENCY CALL MD

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

Flash Point Method:PMCC  
Flash Point:>200F/>93.3C  
Lower Limits:1.0  
Upper Limits:6.0  
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.

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

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.TRANSFER WASTE MATERIAL 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.DO  
NOT SPRAY INTO FLAME,ARCS,OR RED HOT SURFACES.

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

Respiratory Protection:WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE.IN  
CONFINED AREAS,WEAR A FULL MASK WITH SEPARATE AIR SUPPLY.  
Ventilation:GENERAL VENTILATION TO KEEP CONCENTRATION  
BELOW LIMITS.  
Protective Gloves:NITRILE RUBBER GLOVES  
Eye Protection:FULL GOGGLES  
Other Protective Equipment:EITHER USE IN A SPRAY BOOTH OR NEXT TO AN  
EXHAUST VENT.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.LAUNDER  
CONTAMINATED CLOTHES BEFORE RE-USE.  
Supplemental Safety and Health  
NSN (ESTBLISHED 1987) FOR KIT/SET UNDER TYPE II,METHOD B OF  
MIL-I-25135D.SET CONSISTS OF TWO PARTS(SKL-LO PENETRANT AND EITHER  
ZE-3 OR ZE-4B EMULSIFIER);QPL-25135-15 QUALIFIED THESE PRODUCTS

FOR  
TYPE II ,METHOD B;EACH PART ALSO AVAILABLE SEPARATELY UNDER  
SEPARATE NSNS;KEY1:X01;THIS IS SKL-LO;SEE PNI B&C FOR ZE-3 & ZE-4B.

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

HCC:N1  
Boiling Pt:B.P. Text:400F/204C  
Vapor Pres:1.0  
Spec Gravity:0.88  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:DARK RED LIQUID,LOW ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stabi  
lity Condition to Avoid:HEAT,HIGH TEMPERATURES  
Hazardous Decomposition Products:EMITS OXIDES OF CARBON AND NITROGEN

===== 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;IF LOCAL AUTHORITIES PROHIBIT  
DUMPING RINSINGS DOWN THE SEWER,P URIFY RINSINGS WITH MAGNAFLUX  
WASTEWATER SYSTEM.

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