

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 MATL 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 (ESTBLSHD 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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