

ILLINOIS TOOL WORKS INC, MAGNAFUX DIV -- SKL-HF/S SPOTCHECK PENETRANT (AEROSOL) --
6850-00-963-5407

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

Product ID:SKL-HF/S SPOTCHECK PENETRANT (AEROSOL)
MSDS Date:01/30/1992
FSC:6850
NIIN:00-963-5407
MSDS Number: BTHNS
=== Responsible Party ===
Company Name:ILLINOIS TOOL WORKS INC, MAGNAFUX DIV
Address:7300 W. LAWRENCE AVE
City:CHICAGO
State:IL
ZIP:60656
Country:US

Info Phone Num:708-867-8000
Emergency Phone Num:708-867-8000,800-424-9300(CHEMTREC)
Preparer's Name:BRUCE C. GRAHAM
CAGE:ILLIN
=== Contractor Identification ===
Company Name:ILLINOIS TOOL WORKS (ITW)
Address:8501 DELPORT DR
City:ST LOUIS
State:MO
ZIP:63114
Country:US
Phone:314-423-0100
CAGE:ILLIN
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 o

n Ingredients =====

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

CAS: 68477-31-6

Fraction by Wt: >85%

Other REC Limits: NONE RECOMMENDED

Ingred Name: ISOBUTANE

CAS: 75-28-5

RTECS #: TZ4300000

Fraction by Wt: 30%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM 9394

Ingred Name: NAPHTHALENE (SARA III)

CAS: 91-20-3

RTECS #: QJ0525000

Fraction by Wt: 4%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 10 PPM/15 STEL

ACGIH TLV: 10 PP

M/15 STEL; 9394

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

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

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN.

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO

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

Health Hazards Acute and Chronic: ACUTE: MODERATE IRRITATION. SKIN:

IRRITATION, DISSOLVES SKIN OILS. INHALATION: INHALATION OF SPRAY
MIST FROM CONTAINER CAUSES DIZZINESS, NAUSEA. INGESTION: LOW
TOXICITY. BUT

HAZARDOUS IF ASPIRATED INTO LUNGS DURING INGESTION

OR VOMITING. CHRONIC: POSSIBLE DERMATITIS ON FREQUENT OR PROLONGED
EXPOSURE.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: EYES: IRRITATION. SKIN: IRRITATION, DEFATTING,

DERMATITIS. INHALATION: DIZZINESS, NAUSEA. INGESTION: LOW TOXICITY.

BUT HAZARDOUS IF ASPIRATED INTO LUNGS DURING INGESTION OR VOMITING.

Medical Cond Aggravated by Exposure: PERSONS WITH A SKIN DISORDER SHOULD

USE CAUTION WHEN HANDLING OR USING

THIS PRODUCT.

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

First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH FLOWING WATER OR SHOWER. USE SOOTHING LOTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMIT INHALED, MAY CAUSE ASPHYXIATION. GET MEDICAL ATTENTION.

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

Flash Point: FLAMABLE AEROSOL
Lower Limits: 1
Upper Limits: 6
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM.
Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard: AEROSOL CONTAINER MAY BURST AT TEMPERATURES OVER 130F AND SPRAY FLAMMABLE LIQUID INTO THE FIRE.

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

Spill Release Procedures: REMOVE IGNITION SOURCES. LET LEAKING AEROSOL CONTAINER EMPTY IN OPEN AREA. DO NOT BREATHE VAPORS.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions: STORE AWAY FROM HEAT AND IGNITION SOURCES IN WELL VENTILATED AREA. STORE PALLETS OF AEROSOL CARTONS AS LEVEL 3 AEROSOL (NFPA 30B).
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 FLAMES, ARCS, RED HOT SURFACES OR LIGHTED SMOKING MATERIALS..

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

Respiratory Protection: WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE IN POORLY VENTILATED AREAS. IN CONFINED, UNVENTILATED SPACES, WEAR FULL MASK WITH SEPARATE AIR SUPPLY.
Ventilation: GENERAL VENTILATION

LATION MUST BE SUFFICIENT TO KEEP

CONCENTRATION LOW.PREFERRED USING IN SPRAY BOOTH OR NEXT TO EXHAUST VENT.

Protective Gloves:NITRILE RUBBER GLOVES IF HANDS EXPOSED.

Eye Protection:FULL GOGGLES IF NEEDED FOR EYE PROTECTON

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,

DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties

HCC:V3

Boiling Pt:B.P. Text:-44F,-42C

Vapor Pres:105 PSIG

Vapor Density:0.97

Spec Gravity:0.97

pH:NEUTRL

Evaporation Rate & Reference:NONE

Solubility in Water:0

Appearance and Odor:DARK RED LIQUID.

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:IF BURNING:

SMOKE, SOOT, OXIDES OF CARBON AND NITROGEN.

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Disposal Considerations

Waste Disposal Methods:EMPTY OUT AEROSOL CONTAINERS BEFORE DISPOSAL. PRESSURIZED AEROSOL CANS ARE NOT AN ACCEPTABLE WASTE. DISPOSE OF EMPTY AEROSOL CANS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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e 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.