View NSN Online: https://aerobasegroup.com/nsn/6850-01-267-4345

Product ID: ZYGLO PENETRANT ZL-27A MSDS Date:01/10/1997 FSC:6850 NIIN:01-267-4345 MSDS Number: CDKQS === Responsible Party === Company Name: MAGNAFLUX CORPORATION DIV ILLINOIS TOOL WORKS INC Address:7300 W LAWRENCE AVE City:CHICAGO (NOW GLENVIEW, ILL) State:IL ZIP:60025 Country:US Info Phone Num:847-657-5300 FAX: 847-657-5388 Emergency Phone Num:847-657-5300(CHEMTREC 800-424-9300) Preparer's Name: CHERYL A. ZELEZNIK 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 Company Name: MAGNAFLUX CORP Address:218 E INDUSTRIAL ST Box:UNKNOW City:DE WITT State:IA ZIP:52742 Country:US Phone:319-659-8143 CAGE:0JNN1

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Ingred Name:MINERAL OIL, WHITE CAS:8042-47-5 RTECS #:PY8047000 Fraction by Wt: 30-80% Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOCYLDIPHENYLPHOSPHATE CAS:29761-21-5 Fraction by Wt: 30-60% Other REC Limits:NONE RECOMMENDED

Ingred Name:CASTOR OIL CAS:8001-79-4 RTECS #:FI4100000 Fraction by Wt: 10-30% Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOBUTANE (PROPELLANT) CAS:75-28-5 RTECS #:TZ4300000 Fraction by Wt: 30% Other R EC Limits:NONE RECOMMENDED OSHA PEL:1000 PPM

LD50 LC50 Mixture:TLV: 5 MG/M3 (OIL MIST)
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN CONTACT CAN IRRITATE BY REMOVING
NATURAL SKIN OILS ON PROLONGED OR REPEATED EXPOSURE. EYE CONTACT
MAY CAUSE IRRITATION. INHALATION IS NOT A SIGNIFIGANT HEALTH HAZARD
AT ROOM TEMPERATURES
; WHEN HE ATED OR SPRAYED PRODUCT MAY CAUSE
DIZZINESS OR NAUSEA. INGESTION IS NOT A SIGNIFIGANT HEALTH HAZARD
IN SMALL AMOUNTS.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN PER
MANUFACTURER.
Effects of Overexposure:INHALED-DIZZINESS, NAUSEA. SKIN-IRRITATION.
EYES-IRRITATION.

Medical Cond Aggravated by Exposure:NONE.

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ST AID:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN-WASH WITH SOAP AND WATER. USE SOOTHING LOTION. EYE-RINSE CAREFULLY UNDER UPPER & LOWER EYELIDS USING PLENTY OF WATER. INHALED: REMOVE TO FRESH AIR IF DI ZZY OR NAUSEATED. INGESTED: DO NOT INDUCE VOMITING! IN SEVERE CASES (MORE THAN SMALL MOUTHFUL), CALL DOCTOR OR POISON CONTROL CENTER IMMEDIATELY.

Flash Point Method: PMCC Flash Point:200F,93C Lower Limi ts:1 Upper Limits:6 Extinguishing Media: CARBON DIOXIDE, FOAM. KEEP CONTAINERS COOL WITH WATER SPRAY.DO NOT SPRAY WATER DIRECTLY ON PRODUCT; IT WILL FLOAT & SPREAD. Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE. Unusual Fire/Explosion Hazard: AEROSOL CANS MAY RUPTURE AND RELEASE FLAMMABLE LIQUIDS AND/OR GASES IF EXPOSED TO HEAT ABOVE 130F (54C). Spill Release Procedures: MOP OR SWEEP UP WITH ABSORBENT. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER. Handling and Storage Precautions: STRORE AWAY FROM HEAT SOURCE. AVOID EYE CONTACT. AVOID REPEATED OR PROLONGED SKIN CONTACT. AVOID BREATHING SPRAY MIST. Other Precautions: NONE SPECIFIED BY MANUFACTURER. ========= Exposure Controls/Personal Protection == \_\_\_\_\_ Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134. Ventilation: USE WHERE VENTILATION WILL CARRY SPRAY AWAY FROM OCCUPIED AREAS. Protective Gloves:NITRILE. Eve Protection:SAFETY GLASSES. Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: **EYE WASH STATION & SAF** 

ETY SHOWER. Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE. Supplemental Safety and Health FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A, B OR C OR D OR E UNDER THE SAME NSN/CAGE. MSDS PRESENTED BY CAGE 37676 FOR CONTRACT NUMBER SP0450-97-MM732. HCC:V3 Boiling Pt:B.P. Text:455F,235C Vapor Pres:3103 Vapor Density:>1 Spec G ravity:0.96 pH:7 Evaporation Rate & amp; Reference: NEGLIGIBLE Solubility in Water:NEGLIGIBLE Appearance and Odor: GREEN OILY LIQUID; MILD ODOR. CONTAINED IN AEROSOL 12 OZ AEROSOL CAN. Percent Volatiles by Volume:30 

Stability Indicator/Materials to Avoid:YES NONE. Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER. Hazardous Decomposition Products:SOOT, OXIDES OF CARBON IF HEATED TO COMBUSTION TEMPERATURES.

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Waste Disposal Methods: AS A NON-HAZARDOUS WASTE, INCINERATE (PRODUCT-NOT AEROSOL CAN! - DLA-HMIS) OR SEND TO WASTE HANDLER WHO CAN BLEND SECONDARY FUELS. EMPTY AEROSOL CANS BEFORE DISPOSAL.

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