View NSN Online: https://aerobasegroup.com/nsn/6850-01-268-6706

MAGNAFLUX CORPORATION -- ZL-22D ZYGLO PENETRANT -- 6850-01-268-6706

Product ID:ZL-22D ZYGLO PENETRANT MSDS Date:11/17/1986 FSC:6850 NIIN:01-268-6706 **MSDS Number: BGSDC** === Responsible Party === **Company Name: MAGNAFLUX CORPORATION** Address:7300 W.LAWRENCE AVENUE City:CHICAGO State:IL ZIP:60656 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

Ingred Name:DISTILLATES(PETROLEUM),HYDROTREATED MIDDLE CAS:64742-46-7 RTECS #:JN9379645 Fraction by Wt: 25.0%

Ingred Name:KEROSENE CAS:8008-20-6 RTECS #:OA5500000 Fraction by Wt: 10.0% ACGIH T

LV:100MG/CUM

Ingred Name:DISTILLATES(PETROLEUM),CATALYTIC REFORMER FRACTIONATER RESIDUE,LOW BOILING CAS:68477-31-6 Fraction by Wt: 20.0%

Ingred Name:UNIDENTIFIED COMPONENTS Fraction by Wt: 45.0%

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic: ACUTE: IRRITATES EYES, MILDLY.
Effects of Overexposure: INHALATION: SPRAY MIST MAY IRRITATE TO BREATHING
PASSAGES; EYES:LIQUID CONTACT MAY CAU

SE IRRITATION; SKIN:SOLVENT IN

THE PRODUCT MAY IRRITATE SKIN; INGESTION:NOT NOTED BY MANUFACTURER. Medical Cond Aggravated by Exposure:NOT STATED BY MANUFACTURER.

First Aid:INHALATION:REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT,GIVE OXYGEN; SKIN:REMOVE CONTAMINATED CLOTHES.WASH OFF WITH FLOWING WATER.USE SOOTHING LOTION.IF IRRITATION PERSISTS,GET MEDICAL ATTN; EYES:IMM EDIATELY RINSE/FLUSH WITH COPIOUS AMOUN T OF RUNNING

WATER, AND GET MEDICAL ATTENTION.

Flash Point Method:PMCC Flash Point:>200F/>93C Extinguishing Media:CARBON DIOXIDE,FOAM Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.DO NOT SPRAY ON BURNING PRODUCT. Unusual Fire/Explosion Hazard:WHEN INVOLVE IN COMBUSTION,MAY EMIT TOXIC GASES AT OR ABOVE DECOMPOSITION TEMPERATURE.

pill 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 ABSORBEN T.TRANSFER WASTE MATL IN SALVAGE TANKS.

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES IN WELL VENTILATED AREA.AVOID AGAINST PHYSICAL DAMAGE TO CONTAINERS.KEEP CONTAI

NERS 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.

======= 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 BELOW 350PPM LIMIT. Protective Gloves:NITRILE RUBBER GLOVES

Eye Protection: FULL GOGGLES WHEN SPRAYI

NG OR POURING

Other Protective Equipment: EITHER USE IN A SPRAY BOOTH OR NEXT TO AN EXHAUST VENT.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING OR USE. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NSN FOR TYPE I,METHOD D,LEVEL 3 MATERIAL OF MIL-I-25135D ZL-22D PENETRANT IS A QUALIFIED PRODUCT OF QPL-25135-15 FOR TYPE I,METHOD D,LVL 3;THE QPL SPECIFIED THE PENETRANT CAN ALSO BE A PART OF KIT WIT H ZR-10A EMULSIFIER;SEE PNI B FOR OTHERQUALIFI ED PENETRANT FOR

SAME TYPE, METHOD & LEVEL.

HCC:N1 Boiling Pt:B.P. Text:410F/210C Vapor Pres:0.5 @ 100F Vapor Density:>1.0 Spec Gravity:0.95 Solubility in Water:NEGLIGIBLE Appearance and Odor:GREEN LIQUID WITH PETROLEUM DISTILLATE ODOR Percent Volatiles by Volume:5.0%

Stability Indicator/Materials to Avoid:YES MFR STATED "NONE" Stability Condition to Avo

id:HEAT,HIGH TEMPERATURES Hazardous Decomposition Products:EMITS OXIDES OF CARBON AND NITROGEN ON COMBUSTION

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 AUTHORIES PROHIBIT DUMPING RINSINGS DOWN THE SEWER,PUR IFY RINSINGS W/MAGNAFLUX WASTEWATER TREATMNT SYSTM

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