View NSN Online: https://aerobasegroup.de/nsn/6850-01-263-8221

MAGNAFLUX CORPORATION -- ZL-22D ZYGLO PENETRANT -- 6850-01-263-8221

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

Product ID:ZL-22D ZYGLO PENETRANT

MSDS Date:11/17/1986

FSC:6850

NIIN:01-263-8221

Kit Part:Y

MSDS Number: BGRNZ === 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 N um: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) 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 TLV:100MG/CUM

Ingred Name:DISTILATES(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 CAUSE 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 WI

TH COPIOUS AMOUNT OF RUNNING
WATER.AND GET MEDICAL ATTENTION.

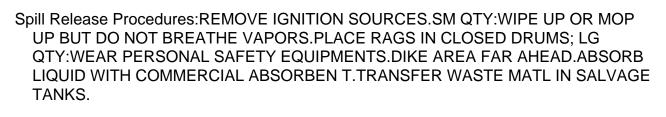
Flash Point Method:PMCC Flash Point:>200F/>93C

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.

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



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

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

===== 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 G

OGGLES.WHEN SPRAYING OR POURING.

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

Work Hygienic Practices: WASH OFF PROMPTLY WITH WATER. AVOID SKIN CONTACT.

Supplemental Safety and Health

PER QPL-25135-15 OR MIL-I-25135D,THE SET MAY CONSIST OF ZL-22D OR ZL-27A PENETRNT AND ZE-3 OR ZE-4B EMULSIFIER UNDR TYPE I METHOD B,LEVEL 3;THIS NSN HAS 2 PARTS IN THE SET;THESE EMULSIFIERS & PENETRAN TS ARE ALSO QUALIFIED PRODUCTS OF OTHERTYPES,NETHOD & L

EVELS.SEE THE QPL;THIS ENTRY OF ZL-22D PENETRANT;KEY1:N1.

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

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

Stability Indicator/Materials to Avoid:YES MFR STATED "NONE". Stability Cond ition to Avoid:HEAT,HIGH TEMPERATURES.
Hazardous Decomposition Products:EMITS OXIDES OF CARBON AND NITROGEN ON COMBUSTION.

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

Disclaimer

(provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The 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.