

ZL-22A ZYGLO PENETRANT

MSDS Number

BPQYY

National Stock Number

6850-01-287-3219

Product Name

ZL-22A ZYGLO PENETRANT

Manufacturer

MAGNAFLUX

Product Identification

Product ID: ZL-22A ZYGLO PENETRANT

MSDS Date: 05/28/1986

FSC: 6850

NIIN: 01-287-3219

MSDS Number: BPQYY

Responsible Party

MAGNAFLUX

7300 WEST LAWRENCE AVENUE

CHICAGO , IL 60656

US

Emergency Phone: 312-867-8000

Info Phone: 312-867-8000

Preparer: BRUCE GRAHAM

Cage: 59042

Contractor

MAGNAFLUX

CHICAGO, IL 60656

US

708-867-8000

Cage: 59042

Ingredients

FLUORANTHENE

CAS: 206-44-0

RTECS: LL4025000

Fraction By Weight:

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

DISTILLATES RESIDUE, LOW BOILING; (DISTILLATES (PETROLEUM)),

CAS: 68477-31-6

RTECS: JN9500000

Fraction By Weight:

KEROSENE

CAS: 8008-20-6

RTECS: OA5500000

ACGIH TLV: 100 MG/M3 (MFR)

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight:

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHAL: DIZZINESS, NAUSEA. SKIN:

IRRITATES SKIN BY DISSOLVING SKIN OILS. EYE: IRRITATION.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE.

First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. SKIN: WASH OFF PROMPTLY WITH SOAP AND WATER. USE SOOTHING LOTIONS. EYE: RINSE COPIOUSLY WITH WATER FOR AT LEAST 15 MIN. INGEST: CALL MD IMMED .

Fire Fighting

Flash Point Method:PMCC

Flash Point:175F,79C

Lower Limits:1%

Upper Limits:6%

Extinguishing Media:CO*2, FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . KEEP CONTAINERS COOL WITH WATER SPRAY. DO NOT SPRAY ON BURNING ZL-22A.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY BURST IF HEATED ABOVE 130F.

Accidental Release

Spill Release Procedures:INCINERATE OR SEND TO WASTE DISPOSER WHO CAN INCINERATE IT. AEROSOL: EMPTY OUT AEROSOL CANS BEFORE DISPOSAL.

PRESSURIZED AEROSOL CANS ARE NOT AN ACCEPTABLE WASTE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID FREQ/PRLNG SKIN CONT. DO NOT BREATHE SPRAY MIST. DO NOT HEAT AEROSOL CANS ABOVE 130F. STORE AWAY FROM HEAT SOURCES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR WITH FILTER CARTRIDGE IF SPRAYING IN UNVENTILATED AREA.

Ventilation:PREFERABLY SPRAY WHERE VENTILATION REMOVES VAPOR FROM OCCUPIED AREA.

Protective Gloves:NITRILE RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

VP: BELOW 1@100F.

Chemical Properties

Boiling Pt:B.P. Text:410F,210C
Vapor Pres:SUPP DATA
Vapor Density:OVER 1
Spec Gravity:0.97
pH:NEUT
Evaporation Rate & Reference:NEGLIGIBLE
Solubility in Water:0
Appearance and Odor:GREEN LIQUID
Percent Volatiles by Volume:2

Stability

Stability Indicator/Materials to Avoid:YES
NONE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CO*X AND NO*X ON COMBUSTION.

Disposal

Waste Disposal Methods:IF LOCAL AUTHORITIES PROHIBIT DUMPING RINSINGS
DOWN SEWER, PURIFY RINSING W/MAGNAFLUX WASTEWATER TREATMENT SYSTEM
OR EQUIVALENT. CALL WASTEWATER TREATMENT GROUP @ MAGNAFLUX. DISPOSE
OF IN ACCORDANCE W ITH FEDERAL, STATE AND LOCAL REGULATIONS .

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.