



ZE-4A ZYGLO EMULSIFIER

MSDS Number

BBCLJ

National Stock Number

6850-00D000198

Product Name

ZE-4A ZYGLO EMULSIFIER

Manufacturer

MAGNAFLUX CORP

Product Identification

Product ID: ZE-4A ZYGLO EMULSIFIER

MSDS Date: 11/06/1985

FSC: 6850

NIIN: 00D000198

MSDS Number: BBCLJ

Responsible Party

MAGNAFLUX CORPORATION

7300 W LAWRENCE AVE

CHICAGO , IL 60656-3504

US

Emergency Phone: 708-867-8000/CHEMTREC 800-424-9300

Info Phone: 708-867-8000

Preparer: BRUCE GRAHAM

Cage: 37676

Contractor

ILLINOIS TOOL WORKS INC MAGNAFLUX DIV

GLENVIEW, IL 60025

US

847-657-5300/

Cage: 37676

Ingredients

MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS: 8012-95-1

RTECS: PY8030000

Fraction By Weight: 30.0%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3/10 STEL;9192

ISOPROPANOLAMINES

Fraction By Weight: 30.0%

FATTY ACIDS



Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INGESTION:LOW TOXICITY. MAY CAUSE GI TRACT IRRITATION. INHALATION:INHALATION OF MIST/VAPORS/FUMES MAY CAUSE RESPIRATORY TRACT IRRITATION. SMALL AMOUNT ASPIRATED INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS. EYE:IRRITATION. SKIN:REPEATEDCONTACT MAY CAUSE IRRITATION, DEFATING. CHRONIC:DERMATITIS.
Effects of Overexposure:SKIN/EYES:CAUSES IRRITATION.DISSOLVES SKIN OIL;INHALATION/INGESTION:NOT KNOWN.
Medical Cond Aggravated by Exposure:SKIN

First Aid

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION:REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION:GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

Fire Fighting

Flash Point Method:PMCC
Flash Point:220F,104C
Extinguishing Media:CO*2, FOAM, DRY CHEM.
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL CONTR.
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS. STOP LEAK. H*20 SPRAY TO COOL CONT/DIVERT SPILL FROM FIRE/HEAT. PROVIDE VENTILATION. ABSORB W COMMERCIAL ABSORBENT,SHOVEL INTO METAL DRUMS. LG SPILL:DIKE W COMMERCIAL ABSORBENT, PUMP INTO COVERED DRUMS.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED
Other Precautions:ZE-4A IS STRONG DETERGENT BLEND & CAN DRY OUT & IRRITATE SKIN ON LONG OR FREQUENT EXPOSURE.

Exposure Controls

Respiratory Protection:NONE SHOULD BE NEEDED
Ventilation:NORMAL ROOM VENTILATION.
Protective Gloves:NITRILE RUBBER
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.
Supplemental Safety and Health
MSDS FROM MAGNAFLUX CORP.,DATED:11/6/85;MFR STATED THAT DURING 1986 P/N ZE-4A HAS BEEN REPLACED BY ZE-4B ZYGLO EMULSIFIER WITH FORMULATION CHANGE.

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:450F/221C
Vapor Pres:Vapor Density:>1.0
Spec Gravity:0.90
pH:8-9.5
Solubility in Water:EMULSIFIABLE
Appearance and Odor:PINK OILY LIQUID.RANK ODOR.
Percent Volatiles by Volume:NEGLI

Stability

Stability Indicator/Materials to Avoid:YES



NONE
Stability Condition to Avoid: EXCESSIVE HEAT
Hazardous Decomposition Products: INCOMPLETELY BURNED CARBON PRODUCTS,
CO*2, CO.

Disposal

Waste Disposal Methods: ELIMINATE IGNITION SOURCES. DESTROY BY LIQUID
INCINERATION. INCINERATION WILL BE EASIER BY MIXING WITH A MORE
FLAMMABLE SOLVENT. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL
APPLICABLE INTERNATIONAL, FEDERAL, STATE & LOCAL REGULATIONS.

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