

A-101 SERIES, BAYFERROX RED

MSDS Number

BPKFL

National Stock Number

6850-00N032070

Product Name

A-101 SERIES, BAYFERROX RED

Manufacturer

MOBAY CORP

Product Identification

Product ID:A-101 SERIES, BAYFERROX RED

MSDS Date:12/28/1987

FSC:6850

NIIN:00N032070

MSDS Number: BPKFL

Responsible Party

MOBAY CORP

MOBAY RD

PITTSBURG , PA 15205-9741

US

Emergency Phone: 412-923-1800;800-424-9300(CHEMTREC)

Info Phone: 412-923-1800

Preparer: S. HOWE

Cage: EO419

Contractor

MOBAY CORP

PITTSBURGH, PA 15205

US

800-662-2927

Cage: EO419

Ingredients

IRON (III) OXIDE

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight: 100%

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5 MG/M3(FE),B2; 9293

Hazards

LD50 LC50 Mixture:LD50:(ORAL RAT) >10 G/KG.

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

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

Health Hazards Acute and Chronic:ACUTE:EXCESSIVE EXPOSURE TO AIRBORNE

DUST MAY REDUCE VISIBILITY AND/OR CAUSE UNPLEASANT DEPOSITS IN

EYES, EARS AND NOSE. INJURY TO SKIN OR MUCOUS MEMBRANES CAN OCCUR

BY DIRECT MECHANICAL ACTION OR BY RIGOROUS SKIN CLEANING NECESSARY

FOR REMOVAL OF DUST. CHRONIC: NO CHRONIC HEALTH EFFECTS KNOWN FROM

(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:RPTD EXPOS TO IROX OXIDE PIGMENTS.

PRLNGD INHAL (6-10 YRS) OR IRON OXIDE FUME HAS BEEN REPORTED TO PRODUCE CHANGES IN LUNG X-RAYS OF EXPOSED INDIVIDUALS. THIS CNDTN, SIDEROSIS, IS CONSIDERED TO BE A BENIGN PNEUMOCONIOSIS THAT EXHIBITS NO ADVERSE HLTH EFTS. SIDEROSIS HAS BEEN OBSERVED AMONG (SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYE:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, LIFTING LIDS PERIODICALLY FOR AT LEAST 15 MINUTES. CALL MD IF IRRITATION PERSISTS. SKIN:WASH WITH SOAP & WATER. INHAL:MOVE FROM DUSTY AREA TO FR ESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. CALL MD. INGEST:CALL MD IMMEDIATELY .

Fire Fighting

Extinguishing Media:USE EXTINGUISHING MEDIA SUITABLE TO SURROUNDING FIRE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . UNDER FIRE CONDITIONS IRRITATING AND/OR TOXIC AEROSOLS OR GASES MAY BE PRESENT.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:VACUUM OR SCOOP MATERIAL INTO AN APPROPRIATELY MARKED CONTAINER FOR RECLAMATION OR DISPOSAL. AVOID EXCESSIVE GENERATION OF DUST. IF DUST IS GENERATED, USE APPROPRIATE RESPIRATORY PROTECTION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE DRY AT AMBIENT TEMPERATURES AWAY FROM FOOD AND BEVERAGES.

Other Precautions:AVOID BREATHING DUST. AVOID CONTACT WITH SKIN AND EYES.

Exposure Controls

Respiratory Protection:WORK AMBIENT CONCENTRATIONS SHOULD BE MONITORED AND IF THE RECOMMENDED EXPOSURE LIMIT IS EXCEEDED, A NIOSH/MSHA APPROVED DUST RESPIRATOR SHOULD BE WORN. (DO NOT EXCEED LIMITS OF THE RESPIRATOR).

Ventilation:USE LOCAL EXHAUST VENTILATION TO MAINTAIN AIR LEVELS BELOW THE RECOMMENDED EXPOSURE LIMIT IF DUSTING IS A PROBLEM.

Protective Gloves:RUBBER, CLOTH OR PLASTIC GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EYE WASH STATIONS AND WASHING FACILITIES.

Work Hygienic Practices:EMPLOYEES SHOULD WASH THEIR HANDS AND FACE BEFORE EATING, DRINKING OR USING TOBACCO PRODUCTS.

Supplemental Safety and Health

PH:APPROXIMATELY 4-8 @ 50G/L H2O IN AQUEOUS SUSPENSION. EFTS OF OVEREXP:OCCUPATIONS SUCH AS ARC-WELDERS WHERE IRON OXIDE FUMES ARE PRESENT. TO THE BEST OF OUR KNOWLEDGE, THIS CONDITION HAS NOT BEEN OBSERVED AFTER PROLONGED EXPOSURE TO IRONOXIDE PIGMENTS.

Chemical Properties

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:>1832F,>100

Spec Gravity:5 @ 20C

pH:SUPDAT

Solubility in Water:INSOLUBLE

Appearance and Odor:ODORLESS RED SOLID POWDER

Stability

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE KNOWN.

Disposal

Waste Disposal Methods:MATERIAL WHICH CANNOT BE RECYCLED INTO YOUR PROCESS SHOULD BE LANDFILLED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

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