

ALEXANDER MFG CO. -- RED OXIDE OF MERCURY,BA-1093/U -- 6135-00-808-5093

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Product Identification
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Product ID:RED OXIDE OF MERCURY,BA-1093/U

MSDS Date:07/09/1987

FSC:6135

NIIN:00-808-5093

MSDS Number: BPRKG

=== Responsible Party ===

Company Name:ALEXANDER MFG CO.

Address:1511 S. GARFIELD PL

Box:1508

City:MASON CITY

State:IA

ZIP:50401-5662

Country:US

Info Phone Num:515-423-1161

Emergency P

hone Num:515-423-1161

CAGE:56469

=== Contractor Identification ===

Company Name:ALEXANDER TECHNOLOGIES INC

Address:1511 S. GARFIELD PL

Box:1508

City:MASON CITY

State:IA

ZIP:50401

Country:US

Phone:515-423-1161/8955

CAGE:56469

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Composition/Information on Ingredients
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Ingred Name:MERCURIC OXIDE (SARA III).31.5 G;OSHA PEL IS CEILING
VALUE.OSHA PEL 0.05 MG/M3 FOR MERCURY VAPOR.

CAS:21908-53-2

RTECS #:OW8750000

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG(HG)/M3 S

KIN
ACGIH TLV:0.1 MG(HG)/M3 SKIN

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Hazards Identification
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LD50 LC50 Mixture:NOT KNOWN
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MERCURY VAPOR MAY BE RELEASED DURING
FIRE,EXTREME HEAT OR RUPTURE OF BATTERY.EXPOSURE TO MERCURY VAPOR
MAY CAUSE MUSCLE TREMORS,MENTAL ABERRATIONS,POSSIBLE DEATH.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:NOT KNOWN
Medical Cond Aggravated by Exposure:NOT KNOWN

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First Aid Measures
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First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MINUTES .SKIN/INGESTION:NOT KNOWN.INHALATION:REMOVE FROM SOURCE OF
CONTAMINATION.CALL DOCTOR.

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Fire Fighting Measures
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Flash Point:NONFLAMMABLE
Lower Limits:NOT KNOWN
Upper Limits:NOT KNOWN
Extinguishing Media:USUAL EXTINGUISHING MEDIA.
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:BATTERIES MAY EXPLODE OR RUPTURE IN
EXTREME HEAT,RELEASING MERCURY VAPOR.

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Accidental Release Measures
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Spill Release Procedures:IF LARGE QUANTITIES OF BATTERIES WERE RUPTURED
(NO FIRE),PERSONNEL MUST BE PROTECTED IF MERCURY VAPOR IS
RELEASED.PLACE RUPTURED BATTERIES,CONTAMINANTS,SOIL,ETC.,IN STEEL
BARRELS FOR SHIPMENT TO DISPOSAL SITE FOR MERCURY.UNIT BATTERY
PACKAGE MARKED.

Neutralizing Agent

ent:NOT KNOWN

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Handling and Storage
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Handling and Storage Precautions:AVOID EXTREME HIGH TEMPERATURES OR AREAS OF ACUTE FIRE HAZARD.

Other Precautions:AN ATTEMPT TO RECHARGE THE BATTERY MAY CAUSE IT TO EXPLODE.

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Exposure Controls/Personal Protection
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Respiratory Protection:3M MASK 9908 PROTECTS FOR UP TO 0.5 MG/M3 MERCURY VAPOR.

Ventilation:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE IF L

OCAL EXHAUST VENTILATION IS NEEDED .

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES .

Other Protective Equipment:PROTECTIVE APRON AND CLOTHING CHANGE.

Work Hygienic Practices:AVOID PROLONGED BREATHING OF MERCURY VAPOR AND INGESTION.

Supplemental Safety and Health

APPEARANCE:MERCURIC OXIDE IS SEALED IN A STEEL CELL CONTAINER.ONLY A FIRE,EXTREME HIGH TEMPERATURE OR RUPTURE WILL CAUSE MERCURY VAPOR TO RELEASE.UNDER NORMAL USE OF BATTERIES,THERE WILL BE NO LEAKING

OF MERCURY VAPOR.DIMENSIONS OF BATTERIES:GROSS WEIGHT (LB):0.24;OUTSIDE PACKAGE DIMENSIONS(INCHES):0.655(W) X 3.43(H).

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Physical/Chemical Properties
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Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:NOT KNOWN

Spec Gravity:11.14 (WATER=1)

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:NIL

Appearance and Odor:SEALED STEEL CELL CONTAINER.

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Stability and
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Reactivity Data =====

Stability Indicator/Materials to Avoid: YES
NOT KNOWN
Stability Condition to Avoid: NOT KNOWN
Hazardous Decomposition Products: MERCURY VAPOR
Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH
FEDERAL, STATE, AND LOCAL REGULATIONS. COORDINATE WITH SUPPORTING
INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL
. DO
NOT DISCARD. RETURN TO DPDO. MAY BE REDISTILLED TO RECOVER
MERCURY.

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