

ALEXANDER MANUFACTURING COMPANY -- BATTERY,MERCURY,BA-1389/U -- 6135-00-961-3603

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

Product ID:BATTERY,MERCURY,BA-1389/U

MSDS Date:01/01/1987

FSC:6135

NIIN:00-961-3603

MSDS Number: BFZHN

=== Responsible Party ===

Company Name:ALEXANDER MANUFACTURING COMPANY

Emergency Phone Num:(515) 423-1161

CAGE:GO064

=== Contractor Identification ===

Company Name:ALEXANDER MANUFAC

TURING CO

Address:1511 S GARFIELD PLACE

Box:1508

City:MASON CITY

State:IA

ZIP:50401-5662

Country:US

Phone:(202) 625-3333

CAGE:GO064

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

===== Composition/Information on Ingredients =====

Ingred Name:MERCURIC OXIDE

RTECS #:DW8750000

Fraction by Wt: 30.0%

ACGIH TLV:S 0.1 MG/CUM

Ingred Name:POTASSIUM HYDROXIDE

RTECS #:TT210200

0
Fraction by Wt: 3.0%
ACGIH TLV:C 2 MG/CUM

===== Hazards Identification =====

Effects of Overexposure:HEADACHE, COUGH, CHEST TIGHTNESS, TREMORS,
CHEMICAL PNEUMONITIS, MEMORY LOSS, DEPRESSION.

===== First Aid Measures =====

First Aid:EYES:FLUSH W/WATER, SEEK PROMPT MEDICAL ATTENTION; SKIN: WASH
WITH SOAP OR MILD DETERGENT, REMOVE CONTAMINATED CLOTHING;
INHALATION: MOVE INTO FRESH AIR, BEGIN CPR IF BREATHING H
AS STOPPED
SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:WATER, CARBON DIOXIDE
Fire Fighting Procedures:USE FULL-FACE, PRESSURE-DEMAND SCBA FOR
FIRE-FIGHTING
Unusual Fire/Explosion Hazard:RELEASES MERCURY VAPOR WHEN HEATED,
REACTS VIOLENTLY WITH C1*2, PEROXIDES, AND MAGNESIUM

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

Spill Release Procedures
:BATTERIES WITH LEAKING CELLS SHOULD BE PLACED
IN AN IMPERVIOUS PLASTIC BAG AND SEALED. PLACE THE BATTERY AND BAG
IN A STRONG FIBERBOARD BOX AND SURROUND WITH VERMICULITE TO ABSORB
ELECTROLYTE. USE APPROPRIATE PPE. VENTILATE THE AREA.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL-VENTILATED
AREA. AVOID SHORT-CIRCUITING OR TEMPERATURES ABOVE 160F.
Other Precautions:DO NOT RECHARGE THESE BATTERIES. A

NY ATTEMPT TO
RECHARGE MAY CAUSE THE BATTERIES TO EXPLODE AND VENT MERCURY VAPOR

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED FULL-FACE PRESSURE-DEMAND SCBA
FOR FIRES

Ventilation:PROVIDE MECHANICAL VENTILATION IN STORAGE AREAS.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:APRONS, FULL-BODY SUITS AND FACESHIELDS FOR
SEVERE EXPOSURE

Supplemental Safety and Health

MSDS DATED 3/

27/86

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

HCC:N1

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

Evaporation Rate & Reference:NA

Solubility in Water:NA

Appearance and Odor:NA

Percent Volatiles by Volume:NA

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

Stability Indicator/Materials to Avoid:YES

NONFERROUS METALS, PEROXIDES, CL*2, REDUCING AGENTS

Stability Condition to Avoid:FIRES, HIGH STORAGE TEMPERATURES,

ELECTRICAL SHORTS

Hazardous Decomposition Products:MERCURY VAPOR, CARBON MONOXIDE, OXIDES
OF NITROGEN

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

Waste Disposal Methods:CONTACT THE DEFENSE REUTILIZATION AND MARKETING
OFFICE FOR TURN-IN PROCEDURES.

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,
expres

sly 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.