

BATTERY NONRECHARGEABLE

MSDS Number

BKCGR

National Stock Number

6135-01-110-9470

Product Name

BATTERY NONRECHARGEABLE

Manufacturer

ALEXANDER MFG CO

Product Identification

Product ID: BATTERY NONRECHARGEABLE

MSDS Date: 01/01/1987

FSC: 6135

NIIN: 01-110-9470

MSDS Number: BKCGR

Responsible Party

ALEXANDER MFG CO.

1511 S. GARFIELD PL

MASON CITY , IA 50401-5662

US

Emergency Phone: 304-744-3487

Info Phone: 515-423-8955

Cage: 56469

Contractor

BATTERY OUTLET INC

CHESAPEAKE, VA 23324

US

757-545-4442

Cage: 0FGN2

Ingredients

CADMIUM OXIDE (SARA III)

CAS: 1306-19-0

RTECS: EV1925000

Fraction By Weight: 8-15%

OSHA PELSEE 1910.1027

ACGIH TLV: 0.05 MG(CD)/M3; 9293

NICKEL HYDROXIDE (SARA III)

CAS: 12054-48-7

RTECS: QR7040000

Fraction By Weight: 3-5%

OSHA PEL1 MG NI/M3

ACGIH TLV: 0.1 MG NI/M3; 9293

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 2-4%

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

LITHIUM HYDROXIDE MONOHYDRATE

CAS: 1310-66-3

RTECS: OJ6307080

Fraction By Weight:

Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:THE SUBSTANCE AND VAPORS ARE CORROSIVE TO SKIN AND MUCUS MEMBRANES. KEEP BATTERIES DRY, REACTS VIOLENTLY WITH WATER. DO NOT INHALE FUMES. IN CASE OF OVEREXPOSURE TO FUME, REMOVE TO FRESH AIR AND PROVIDE CPR/OXYGEN IF NEEDED. IN CASE OF INGESTION CONTACT PHYSICIAN IMMEDIATELY.
Explanation of Carcinogenicity:NICKEL & CADMIUM ARE LISTED ANTICIPATED CARCINOGENS BY NTP.
Effects of Overexposure:BURNS TO SKIN AND IRRITATION TO THE RESPIRATORY SYSTEM.
Medical Cond Aggravated by Exposure:NOT KNOWN

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR/OXYGEN. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH SKIN WITH PLENTY OF SOAP & WATER. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

Accidental Release

Spill Release Procedures:PICK UP ALL BATTERIES.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT.
Other Precautions:KEEP BATTERIES AWAY FROM WATER AND HEAT. DO NOT RUPTURE OR THROW BATTERIES IN FIRE. DO NOT RECHARGE BATTERIES.

Exposure Controls

Respiratory Protection:NORMALLY NOT REQUIRED. WEAR MASK WITH ABEK TYPE FILTER WHEN HANDLING DUST FROM RUPTURED BATTERY.

Ventilation:GENERAL/LOCAL EXHAUST VENTILATION.

Protective Gloves:BAYPREN OR VITON

Eye Protection:SAFETY GLASSES

Other Protective Equipment:BOOTS AND RUBBER APRON

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

WHEN HANDLING RUPTURED BATTERY DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS. KEEP AWAY FROM WATER & HEAT.

Chemical Properties

HCC:N1

Appearance and Odor:CYLINDRICAL BATTERY

Percent Volatiles by Volume:NONE .

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:HYDROGEN, OXIDES OF METALS.

Disposal

Waste Disposal Methods:DO NOT INCINERATE, BURY IN LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATION.

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