

LITHIUM OXYHALIDE PRIMARY BATTERY (BCX)

MSDS Number

BXFZB

National Stock Number

6135-01-300-6481

Product Name

LITHIUM OXYHALIDE PRIMARY BATTERY (BCX)

Manufacturer

ELECTROCHEM INDUSTRIES DIV OF WILSON GREATBATCH

Product Identification

Product ID:LITHIUM OXYHALIDE PRIMARY BATTERY (BCX)

MSDS Date:01/19/1993

FSC:6135

NIIN:01-300-6481

MSDS Number: BXFZB

Responsible Party

ELECTROCHEM INDUSTRIES, DIV. OF WILSON GREATBATCH

10000 WEHRLE DR.

CLARENCE , NY 14031-2033

US

Emergency Phone: 716-759-6901

Info Phone: 716-759-6901

Cage: 62713

Contractor

SMITHS INDUSTRIES AEROSPACE & DEFENSE SYSTEMS INC

GRAND RAPIDS, MI 49518-8727

US

616-241-7000

Cage: 35351

Ingredients

LITHIUM METAL

CAS: 7439-93-2

RTECS: OJ5540000

THIONYL CHLORIDE

CAS: 7719-09-7

RTECS: XM5150000

OSHA PELC 1 PPM

ACGIH TLV: C 1 PPM; 9192

BROMINE (SARA III)

CAS: 7726-95-6

RTECS: EF9100000

OSHA PEL0.1 PPM/0.3 PPM STEL
ACGIH TLV: 0.1 PPM/0.3STEL;9293

CHLORINE (SARA III)

CAS: 7782-50-5

RTECS: FO2100000

OSHA PEL(C) 1 PPM

ACGIH TLV: 0.5 PPM/1 STEL; 9293

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

Hazards

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:THIS PRODUCT IS CLASSIFIED AS AN
ARTICLE UNDER OSHA REGULATION 1910.1200.
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS DOES NOT EXPECT IT TO BE CARCINOGENIC.
Effects of Overexposure:BURNS TO THE SKIN MAY RESULT FROM THE HEAT
GENERATED BY A SHORT-CIRCUIT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:IN CASE OF ACCIDENTAL INGESTION OF A CELL OR ITS CONTENTS,
OBTAIN PROMPT MEDICAL ADVICE.

Fire Fighting

Extinguishing Media:IF CELLS ARE DIRECTLY INVOLVED IN FIRE, DO NOT USE
WATER, CARBON DIOXIDE, DRY CHEMICAL OR HALON.
Fire Fighting Procedures:A LITH-X (GRAPHITE BASE) FIRE EXTINGUISHER OR
MATERIAL IS THE ONLY RECOMMENDED EXTINGUISHING MEDIA FOR FIRES
INVOLVING METAL OR CELLS. AVOID FUME INHALATION.
Unusual Fire/Explosion Hazard:IF A FIRE IS IN ADJACENT AREA, AND CELLS
ARE PACKED IN THEIR ORIGINAL CONTAINERS, THE FIRE CAN BE FOUGHT
BASED ON FUELING MATERIAL, E.G.,PAPER & PLASTICS.

Accidental Release

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL BUT PREVENT
CONDENSATION ON CELLS OR BATTERIES. ELEVATED TEMPERATURES CAN
RESULT IN SHORTENED BATTERY LIFE.
Other Precautions:IF SOLDERING OR WELDING TO THE TERMINALS OF THE CELL
IS REQUIRED, EXERCISE PROPER PRECAUTIONS TO PREVENT DAMAGE TO THE
CELL WHICH MAY RESULT IN LOSS OF CELL CAPACITY, SEAL, LEAKAGE,
AND/OR CELL EXPLOS ION. DO NOT SOLDER TO THE CASE.

Exposure Controls

Respiratory Protection:MFR GAVE NO INFORMATION ON MSDS.
Ventilation:MFR GAVE NO INFORMATION ON MSDS.
Protective Gloves:MFR GAVE NO INFORMATION ON MSDS.
Eye Protection:MFR GAVE NO INFORMATION ON MSDS.
Other Protective Equipment:MFR GAVE NO INFORMATION ON MSDS.
Work Hygienic Practices:MFR GAVE NO INFORMATION ON MSDS.
Supplemental Safety and Health
MECHANICAL CONTAINMENT: ENCAPSULATION (POTTING OF THESE CELLS) WILL NOT
ALLOW FRO CELL EXPANSION. SUCH ENCLOSURE CAN RESULT IN HIGH
PRESSURE EXPLOSION FROM HEATING DUE TO INADVERTENT CHARGING OR HIGH
TEMPERATURE ENVIRONMENTS (I.E., IN EXCESS OF 100C.)

Chemical Properties

HCC:N1

NRC/State Lic Num:NONE

Appearance and Odor:MFR GAVE NO INFORMATION ON MSDS.

Stability

Stability Indicator/Materials to Avoid:YES

JEWELRY, SUCH AS RINGS AND BRACELETS, SHOULD BE REMOVED OR INSULATED FROM BATTERIES TO PREVENT SHORT CIRCUITING.

Stability Condition to Avoid:BATTERIES SHOULD ALWAYS BE PACKAGED & TRANSPORTED IN SUCH A MANNER AS TO PREVENT DIRECT CONTACT WITH EACH OTHER.

Hazardous Decomposition Products:SHORT-CIRCUITING WILL CAUSE HEAT AND REDUCE CELL CAPACITY.

Disposal

Waste Disposal Methods:DO NOT INCINERATE OR SUBJECT CELLS TO TEMPERATURES IN EXCESS OF 212F(100C). SUCH ABUSE CAN RESULT IN LOSS OF SEAL, LEAKAGE AND/OR CELL EXPLOSION. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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