

ELECTROCHEM INDUSTRIES, DIV. OF WILSON GREATBATCH -- LITHIUM OXYHALIDE PRIMARY BATTERY BCX72AA/3B64-TC -- 6135-01-272-4047

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

Product ID:LITHIUM OXYHALIDE PRIMARY BATTERY BCX72AA/3B64-TC

MSDS Date:01/19/1993

FSC:6135

NIIN:01-272-4047

MSDS Number: BQDRG

=== Responsible Party ===

Company Name:ELECTROCHEM INDUSTRIES, DIV. OF WILSON GREATBATCH

Address:10000 WEHRLE DR.

City:CLARENCE

State:NY

ZIP:14031-2033

Country:US

Info Phone Num:716-759-6901

Emergency Phone Num:716-759-6901

CAGE:62713

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

Company Name:CONTROL DISTRIBUTORS INC

Address:3524 BRAMBLETON AVE SW

Box:20167

City:ROANOKE

State:VA

ZIP:24018

Country:US

Phone:703-774-4586

CAGE:0AMG8

Company Name:DUTCH VALLEY SUPPLY CO

Address:970 PROGR

ESS CTR AVE
Box:City:LAWRENCEVILLE
State:GA
ZIP:30043
Country:US
Phone:(404-513-0612)
CAGE:31068
Company Name:ELECTROCHEM INDUSTRIES, DIV. OF WILSON GREATBATCH
Address:10000 WEHRLE DR.
City:CLARENCE
State:NY
ZIP:14031-2033
Country:US
Phone:716-759-5384
CAGE:62713
Company Name:HOOSIER INDUSTRIAL SUPPLY
Address:1223 CHICAGO AVE
Box:City:GOSHEN
State:IN
ZIP:46527-0929
Country:US
Phone:219-533-8565
CAGE:0RCD8

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

Ingred Name:LITHIUM
METAL
CAS:7439-93-2
RTECS #:OJ5540000
Other REC Limits:NONE SPECIFIED

Ingred Name:THIONYL CHLORIDE
CAS:7719-09-7
RTECS #:XM5150000
Other REC Limits:NONE SPECIFIED
OSHA PEL:C 1 PPM
ACGIH TLV:C 1 PPM; 9495

Ingred Name:BROMINE (SARA 302)
CAS:7726-95-6
RTECS #:EF9100000
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 PPM
ACGIH TLV:O.1PPM/0.2 STEL;9495

Ingred Name:CHLORINE (SARA 302/313) (CERCLA)
CAS:7782-50-5
RTECS #:FO2100000
Other REC Limits:NONE SPECIFIED
OSHA PEL:C 1 PPM
ACGIH TLV:0.5 PPM/1 STEL

; 9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
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. INGREDIENTS ARE
ENCAPSULATED WITHIN THE BATTERY CASE AND ARE NOT A HEALTH HAZARD
UNDER NORMAL CONDITIONS OF USE.
SE.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:NO HAZARD UNDER NORMAL CONDITIONS OF USE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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

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

Extinguishing Media:USE ONLY LITH-X IF BATTERIES ARE INVOLVED WITH
FIRE. IF BATTERIES NOT INVOLVED,USE MEDIA APPROPRIATE FOR
SURROUNDING FIRE
Fire Fighting Procedures:FOR BULK QUANTITIES OF UNPACKAGED CELLS OR IF
CELLS ARE INVOLVED IN FLAME, USE LITH-X(GRAPHITE BASE). IN THIS
CASE, USE NO WATER, CO2 OR HALOGEN EXTINGUISHERS.
Unusual Fire/Explosion Hazard:BATTERIES IN BULK PACKAGES, IF JUMBLED,
MAY RESULT IN SHORT CIRCUITING, CAUSING HIGH TEMPERATURES WHICH MAY
CAUSE LOSS OF SEAL, LEAKAGE AND/OR CELL EXPLOSION.

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

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

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. 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 EXPLOSION. DO NOT SOLDER TO THE CASE.

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

Respiratory Protection:NONE NORMALLY REQUIRED.
Ventilation:NORMAL VENTILATION.
Protective Gloves:NONE NORMALLY REQUIRED.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic Practices:NORMAL INDUSTRIAL HYGENIC PRACTICES.
Supplemental Safety and Health

THIS CELL IS A PRIMARY CELL AND IS NOT DESIGNED TO BE CHARGED OR RECHARGED. TO DO SO MAY CAUSE THE CELL TO LEAK OR EXPLODE. ENCAPSULATION OF THESE CELLS WILL NOT ALLOW CELL VENTING AT LOW PRESS. SUCH ENCLOSURE CAN RESULT IN HIGH PRESS. EXPLOSION FROM INADVERTENT CHARGING OR HIGH TEMP. ENVIRONMENTS (IN EXCESS OF 212F).

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

HCC:N1
Solubility in Water:INSOLUBLE
Appearance and Odor:SIZE AA BATTERY. CYLINDRICAL SHAPE 0.538 DIA X 1.921 INCHES LONG.

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: LITHIUM IS A WATER REACTIVE MATERIAL.
Stability Condition to Avoid:HIGH TEMPERATURES, FIRES, SHORT CIRCUITING. DO NOT RECHARGE THIS BATTERY. TO DO SO MAY CAUSE CELL TO LEAK AND EXPLODE.
E.
Hazardous Decomposition Products:LITHIUM HYDROXIDE, THIONYL CHLORIDE, SULFUR DIOXIDE, HYDROCHLORIC ACID, BROMINE, CHLORINE.

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

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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