

WILSON GREATBATCH LTD -- LITHIUM OXYHALIDE PRIMARY BATTERY(BCX)

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MSDS Safety Information
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FSC: 6135
NIIN: 01-243-5276
MSDS Date: 02/21/1996
MSDS Num: CLRXM
Product ID: LITHIUM OXYHALIDE PRIMARY BATTERY(BCX)
MFN: 03
Article: Y
Responsible Party
Cage: 2S554
Name: WILSON GREATBATCH LTD
Address: 10000 WEHRLE DR
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City: CLARENCE NY 14031-2033
Info Phone Number: 716-759-6901 FAX: 716-759-8579
Emergency Phone Number: 716-759-6901

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Item Description Information
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Item Manager: S9G
Item Name: BATTERY,NONRECHARGEABLE
Unit of Issue: EA
UI Container Qty: 1
Type of Container: BATTERY

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Regulated Components
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Regulated Component Name: THIONYL CHLORIDE (SOCL2)
CAS: 7719-09-7
Regulated Component Name: BROMINE MOLECULE (BR2)
CAS: 7726-95-6
Regulated Component Name: CHLORINE MOLECULE (CL2)
CAS: 7782-50-5
Regulated Component Name: LITHIUM
CAS: 7439-93-2

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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry Inds - Inhalation: NO
Skin: NO
Ingestion: NO
Carcin

nogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: NONE SPECIFIED BY MANUFACTURER. THIS PRODUCT IS CALSSIFIED AS AN ARTICLE UNDER OSHA REGULATION 1910.1200

Explanation Of Carcinogenicity: NOT A CARCINOGEN.

Signs And Symptions Of Overexposure: NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: NONE SPECIFIED BY MANUFACTURER.

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Handling and Disposal
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Spill Release Procedures: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DO NOT INCINERATE OR SUBJECT CELL 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 APPOPRIATE FEDERAL, STAT E AND LOCAL REGULATIONS.

Handling And Storage Precautions: ENCAPSULATION WILL NOT ALLOW FOR CELL EXPANSION. SUCH ENCLOSURE CAN RESULT IN HIGH PRESSURE EXPLOSION FROM HEATIN G DUE TO INADVERTENT CHARGING OR HIGH TEMPERATURE ENVIRONMENTS (IN EXCESS OF 100C).

Other Precautions: IF SOLDERING OR WELDING TO THE TERMINALS OR CASE OF THE CELL IS REQUIRED, EXERCISE PROPER PRECAUTIONS TO PREVENT DAMAGE TO THE CELLS WHICH MAY RESULT IN LOSS OF CELL CAPACITY, SEAL, LEAKAGE OR CELL EX PLOSION. DO NOT SOLDER TO THE CASE.

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Fire and Explosion Hazard Information
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Extinguishing Media: IF CELLS ARE DIRECTLY INVOLVED IN A FIRE, DO NOT USE WATER, CARBON DIOXIDE, DRY CHEMICAL OR HALOGEN EXTINGUISHERS. USE LITH-X (GRAPHITE BASED) FIRE EXTINGUIHSER.

Fire Fighting Procedures: A LITH-X (GRAHITE-BASED) FIRE EXTINGUISHER OR MATERIAL IS THE ONLY RECOMMENDED EXTINGUISHING MEDIA FOR FIRES INVOLVING LITHIUM METAL OR CELLS.

Unusual Fire/Explosion Hazard: IF A FIRE IS IN AN ADJECENT AREA, AND CELLS ARE PACKED IN THEIR ORIGINAL CONTAINERS, THE FIRE CAN BE FOUG HT BASED ON FUELING MATERIAL, E.G. PAPER OR PALSTIC.

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Control Measures
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Respiratory Protection: NONE SPECIFIED BY MANUFACTURER.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: NONE SPECIFIED BY MANUFACTURER.

Eye Protection: NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER

Supplemental Safety and Health: THIS PRODUCT IS CLASSIFIED AS AN ARTICLE UNDER OSHA REGULATION 1910-1200 (C). 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 . DO NOT SHORT CIRCUIT.

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Physical/Chemical Properties
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HCC: Z6
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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: AVOID FUME INHALATION.
Hazardous Polymerization Indicator: NO
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Other Information: CHARGING: THIS CELL IS A PRIMARY AND IS NOT DESIGNED TO BE CHARGED OR RECHARGED. TO DO SO MAY CAUSE THE CELL TO LEAK OR EXPLODE.
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Transportation Information
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Responsible Party Cage: 2S554
Trans ID NO: 160156
Product ID: LITHIUM OXYHALIDE PRIMARY BATTERY(BCX)
MSDS Prepared Date: 02/21/1996
Review Date: 12/06/2001
MFN: 3
Multiple KIT Number: 0
Unit Of Issue: EA
Container QTY: 1
Type Of Container: BATTERY
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Detail DOT Information
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: LITHIUM OXYHALIDE PRIMARY BATTERY(BCX)

Cage: 2S554

Company Name: WILSON GREATBATCH LTD

Street: 10000 WEHRLE DR.

City: CLARENCE NY

Zipcode: 14031-2033

Health Emergency Phone: 716-759-6901

Label Required IND: Y

Date Of Label Review: 12/06/2001

Status Code: A

Origination Code: F

Signal Word: NONE

Health Hazard: None

Contact Hazard: None

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: NONE SPECIFIED BY MANUFACTURER. THIS PRODUCT IS
CALSSIF

IED AS AN ARTICLE UNDER OSHA REGULATION 1910.1200. IF THE CELL IS BREACHED OR OPENED INTENTIONALLY, THE CONTENTS ARE CORROSIVE. DO HANDLE WITH BA RE SKIN OR INHALE. VENTILATE THE AREA, WEAR RUBBER GLOVES FOR CLEAN UP. IF OVEREXPOSURE OCCURS, GET MEDICAL HELP.

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