

ULTRALIFE BATTERIES INC -- ULTRALIFE LITIUM POWER CELL 9VOLT-U9VL -- 6135-01-369-9792

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Product Identification
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Product ID:ULTRALIFE LITIUM POWER CELL 9VOLT-U9VL

MSDS Date:06/14/1996

FSC:6135

NIIN:01-369-9792

MSDS Number: CBSMV

=== Responsible Party ===

Company Name:ULTRALIFE BATTERIES INC

Address:1350 RT 88 S

Box:622

City:NEWARK

State:NY

ZIP:14513

Country:US

Info Phone Num:315-332-7100

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:0UU59

=== 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:ULTRALIFE BATTERIES INC

Address:2000 TECHNOLOGY PARKWAY

Box:City:NEWARK

State:NY

ZIP:14513

Country:US

Phone:800-424-9300

CAGE:0UU59

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Composition/Information on Ingredients
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Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP03

50000
Fraction by Wt: 12-15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG MN/M3 CEILING
ACGIH TLV:5 MG MN/M3

Ingred Name:LITHIUM METAL
CAS:7439-93-2
RTECS #:OJ5540000
Fraction by Wt: 2.0-3.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPYLENE CARBONATE
CAS:108-32-7
RTECS #:FF9650000
Fraction by Wt: 7.0-8.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:1,3-DIOXOLANE
CAS:646-06-0
RTECS #:JH6760000
Fraction by Wt: 6.0-7.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM HEXAFLUOR
OARSENATE
CAS:29935-35-1
Fraction by Wt: 2.0-3.0%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGREDS MAY ONLY REPRESENT HAZ IF
INTEGRITY OF BATT IS COMPROMISED OR BATT IS PHYSICALLY/ELETRICALLY
ABUSED.
Explanation of Carcinogenicity:PRODU
CT CONTAINS NO CONSITUENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:INGREDS MAY ONLY REPRESENT HAZ IF INTEGRITY OF
BATT IS COMPROMISED OR BATT IS PHYSICALLY/ELECTRICALLY ABUSED.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:ELECTROLYTE CONTACT:EYE:IMMED FLUSH W/PLENTY OF H2O FOR
@LEASAT 15MINS.SYMPT PRESENT GET MED ATTN.EYE:IMMED FLUSH W/P

LENTY

OF H2O FOR @LEAST 15MINS.GET MED ATTN.LITHIUM METAL
CONTACT:SKIN:REMOVE PARTI CLES OF LI FROM SKIN AS RAPIDLY AS
POSSIBLE.IMMED LFUSH W/PLENTY OF WATER FOR @LEAST 15MINS.GET MED
ATTN.EYE:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS.GET IMMED
MED ATTN.

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

Flash Point:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:COPIOUS AMTS OF COLD H2O FOR LI BATT.DONT USE
WARM/HOT H2O.LITH-X(CLASS D EXT
IN MEDIA)FIRES INVOLVING FEW
CELLS.(SUPPLE)

Fire Fighting Procedures:USE POSTIVE PRESSURE SELF-CONTAINED BREATHING
APPARATUS IF BATT INVOLVED IN FIRE.FULL PROTECTIVE CLOTHING
NECESSARY.DURING H2O APPLICAT CAUT ADVISED-BURN(SUPPL)

Unusual Fire/Explosion Hazard:BATT MAY FLAME/LEAK POT HAZ ORG VAP IR
EXPO TO EXCESSIVE HEAT/FIRE.FIRE/EXCESS HEAT MAY PROD HAZ DECOMP
PROD.DMG/OPN BATT RESULT IN RAPID HEAT/RELEASE OF (SUPP)

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

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Spill Release Procedures:SHOULD BATT UNINTENTIONALLY BE CRUSHED THUS
RELEASING CONTENTS RUBBER GLVOES MUST BE USED TO HANDLE ALL BATT
COMPONENTS.AVOD INHAL OF ANY VAP THAT MAY BE EMITTED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DONT STORE BATT IN MANNER THAT ALLOWD
TERMINALS TO SHORT CIRCUIT.STORE IN COOL(