

DAYTON-GRANGER INC. -- 760034/760033, BATTERY, NONRECHARGEABLE -- 6135-01-244-3211
===== Product Identification =====

Product ID:760034/760033, BATTERY, NONRECHARGEABLE

MSDS Date:01/01/1987

FSC:6135

NIIN:01-244-3211

MSDS Number: BHWDS

=== Responsible Party ===

Company Name:DAYTON-GRANGER INC.

Address:3299 SW 95H AVE

Box:350550

City:FORT LAUDERDALE

State:FL

ZIP:33335

Country:US

Info Phone Num:305-

463-3451

Emergency Phone Num:305-463-3451

CAGE:55635

=== Contractor Identification ===

Company Name:DAYTON-GRANGER INC.

Address:3299 SW 95H AVE

Box:City:FORT LAUDERDALE

State:FL

ZIP:33335

Country:US

Phone:305-463-3451

CAGE:55635

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

Ingred Name:LITHIUM METAL (AS ANODE)

CAS:7439-93-2

RTECS #:OJ5540000

Other REC Limits:NONE ESTABLISHED

Ingred Name:SULFUR DIOXIDE (SARA III)

CAS:7446-09-5

RTECS #:WS4550000

OSHA PEL:5 PPM/5 STEL

ACG

IH TLV:2 PPM/5 STEL; 9293

Ingred Name:ACETONITRILE (SARA III)

CAS:75-05-8

RTECS #:AL7700000

OSHA PEL:40PPM/60 STEL

ACGIH TLV:40PPM/60STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:LITHIUM BROMIDE (AS ELECTRLYTE)

CAS:7550-35-8

RTECS #:OJ5755000

Other REC Limits:NONE ESTABLISHED

OSHA PEL:NONE ESTABLISHED

ACGIH TLV:NONE ESTABLISHED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogeni

ty:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:UNDER NORMAL USE,THE HERMETICALLY SEALED LITHIUM/SULFUR DIOXED CELL WILL NOT LEAK,VENT OR EXPLODE AND IS PERFECTLY SAFE TO USE WITHOUT TAKING ANY SPECIAL PRECAUTIONS. HOWEVER,COMPONENTS SUCH AS SULFUR DIOXIDE AND THE ORGANIC SOLVENTS, ARE IRRITATING AND TOXIC.

Effects of Overexposure:NONE USUALLY

Medical Cond Aggravated by Exposure:NONE

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

Flash Point

:NONE

Extinguishing Media:USE WATER TO HANDLE LITHIUM BATTERY FIRES.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

POISONOUS,FLAMMABLE GASES MAY BE RELEASED DURING FIRE SITUATION.

Unusual Fire/Explosion Hazard:CELL WILL VENT OR RUPTURE WHEN THE INTERNAL PRESSURE BUILDS UP TO 200F (OR 294 PSIG). USE WATER TO COOL THE FIRE & REDUCE THE OVERALL HAZARD.

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

Handling and Storage Precautions:STORE AT WELL

-VENTILATED STRUCTURE,IN

A SPRINKLER-PROTECTED, NON-COMBUSTIBLE STRUCTURE WITH ADEQUATE CLEARANCE BETWEEN WALL AND BATTERY STACKS.

Other Precautions: PUBLICATIONS FOR DETAIL HANDLING: 1. N. IRVING SAX "DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS: REINHOLD; 2. MATHESON GAS DATA BOOK; MATHESON, EAST RUTHERFORD, N.J.

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

Respiratory Protection: NONE USUALLY

Ventilation: NORMAL VENTILATION

Protective Gloves: NONE USUALLY

Eye P

rotection: SAFETY GLASSES

Supplemental Safety and Health

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

HCC: Z6

Appearance and Odor: SOLID, BATTERY

Percent Volatiles by Volume: 0

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

Stability Indicator/Materials to Avoid: YES

NONE STATED.

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: OXIDES OF SULFUR, CARBON.

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

Waste Dispos

al Methods: CELLS AND BATTERIES FOR DISPOSAL SHOULD BE COLLECTED, TRANSPORTED AND DISPOSED IN A MANNER TO PREVENT SHOUT-CIRCUITING, COMPACTING OR MUTILATION TO DESTROY THEIR PHYSICAL INTEGRITY. CELLS SHOULD NOT BE INCINERATED, UNLESS SUITABLE PROCEDURE TAKEN.

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