

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

=== Contract

or 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

ACGIH TLV:2 PPM/5 STEL; 9293

Ingred Name:ACETONITRILE (SARA III)

C

AS: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

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:UND  
ER 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

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

Flash Point:NONE  
Extinguishing Media:USE WATER TO HANDLE LITHIUM BATTERY FIR  
ES.  
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.

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

Handling and Storage Precautions:STORE AT WELL-VENTILATED STRUCTURE,IN  
A SPRINKLER-PROTECTED,NON-COMBUSTIBL

E STRUCTURE WITH ADEQUATE  
CLEARANCEBETWEEN 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.

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

Respiratory Protection:NONE USUALLY  
Ventilation:NORMAL VENTILATION  
Protective Gloves:NONE USUALLY  
Eye Protection:SAFETY GLASSES  
Supplemental Safety and Health

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

HCC:Z6  
Appearance and Odor:SOLID, BATTERY  
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
NONE STATED.  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:OXIDES OF SULFUR, CARBON.

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

Waste Disposal Methods:CELLS AND BATTERIES FOR DISPOSAL SHOULD BE  
COLLECT  
ED, 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  
PROCEDURESTAKEN.

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