

JOHNSON CONTROLS INC GLOBE BATTERY DIV -- GELL CELL/DYNASTY -- 6140-01-037-1358

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Product Identification  
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Product ID:GELL CELL/DYNASTY

MSDS Date:02/01/1991

FSC:6140

NIIN:01-037-1358

MSDS Number: BGGTV

=== Responsible Party ===

Company Name:JOHNSON CONTROLS INC GLOBE BATTERY DIV

Address:5757 N GREEN BAY AVE

Box:591

City:MILWAUKEE

State:WI

ZIP:53201

Country:US

Info Phone Num:414-228-3139

E

mergency Phone Num:414-228-2746/800-424-9300(CHEMTREC)

CAGE:25244

=== 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:CHICAGO INDUSTRIAL TRADING CO

Address:1901 LANDMEIER RD

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007

Country:US

Phone:708-981-0090

CAGE:0K4U5

Company Name:JOHNSON CONTROLS INC GLOBE BATTERY DIV

Address:5757 N GREEN BAY AVE

Box:591

City:MILWAUKEE

State:WI  
ZIP:53201  
Country:US  
Phone:800-365-7777  
CAGE:25244

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Composition/Information on Ingredients  
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Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 34%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

Reports of Carcinogenicity:NTP:YES

IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE: SEVERE EYE, SKIN AND UPPER  
RESPIRATORY SYSTEM IRRITATION. POSSIBLE CORNEAL DAMAGE. CHRONIC:  
TEETH EROSION, CHRONIC BRONCHITIS. EXPOSURE TO LEAD MAY CAUSE  
CHRONIC ANEMIA, KIDNEY AND NERVOUS SYST EM DAMAGE. NOTE: UNDER  
NORMAL CONDITIONS OF USE, THERE IS NO HEALTH HAZARD. HEALTH HAZARD  
ONLY OCCURS IF BATTERY BREAKS.

Explanation of Carcinogenicity:LEAD IS LISTED UNDER NTP AND IARC.

Effects of Overexposure:EYES/SKIN: SEVE  
RE IRRITATION AND BURNS.

INGESTION: SEVERE IRRITATION AND BURNS TO MOUTH, THROAT AND  
STOMACH.

Medical Cond Aggravated by Exposure:SULFURIC ACID MAY AGGRAVATE SKIN  
DISEASES SUCH AS ECZEMA AND DERMATITIS. LEAD CAN AGGRAVATE FORMS OF  
KIDNEY, LIVER AND NEUROLOGIC DISEASES.

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First Aid Measures  
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First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAT 15 MINUTES.

SKIN: WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING

AND SHOES. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. IN GESTION: GIVE LARGE AMOUNTS OF WATER OR MILK. DO NOT INDUCE VOMITING. FOR ALL EXPOSURES GET IMMEDIATE MEDICAL ATTENTION.

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

Lower Limits: 4.1 (HYDROGEN)

Upper Limits: 74 (HYDROGEN)

Extinguishing Media: DRY CHEMICAL, FOAM, CARBON DIOXIDE.

Fire Fighting Procedures: USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard

Hazard: FLAMMABLE AND EXPLOSIVE HYDROGEN GAS IS

PRODUCED IN THE BATTERY DURING NORMAL OPERATION. KEEP IGNITION SOURCES AWAY FROM BATTERY.

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

Spill Release Procedures: WEAR PROTECTIVE CLOTHING AND EQUIPMENT. REMOVE COMBUSTIBLE MATERIALS AND ALL IGNITION SOURCES. COVER SPILL WITH SODA ASH OR QUICKLIME. MIX WELL. MAKE CERTAIN MIXTURE IS NEUTRAL THEN COLLECT RESIDUE AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:

SODA ASH (SODIUM CARBONATE) OR QUICKLIME (CALCIUM OXIDE).

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

Handling and Storage Precautions: STORE WITH ADEQUATE VENTILATION. NEVER RECHARGE BATTERIES IN UNVENTILATED, ENCLOSED SPACE. MAKE CERTAIN VENT CAPS ARE ON TIGHTLY.

Other Precautions: TO AVOID DAMAGE TO TERMINALS AND SEALS, DO NOT DOUBLE STACK BATTERIES. DO NOT PERMIT FLAMES OR SPARKS IN THE VICINITY OF BATTERIES. IF ACID COMES IN CONTACT WITH CLOTHING, DISCARD CLOTHING.

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

Respiratory Protection: NONE REQUIRED.

Ventilation: GENERAL (MECHANICAL) VENTILATION.

Protective Gloves: VINYL COATED, PVC, GAUNTLET TYPE.

Eye Protection: SAFETY GLASSES.

Other Protective Equipment: SAFETY SHOES.

Work Hygienic Practices: WASH HANDS THOROUGHLY BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

NONE.

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

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HCC:N1

Spec Gravity:>1

Solubility in Water:COMPLETE FOR ACID

Appearance and Odor:SILICA-GEL ELECTROLYTE IN BATTERY CASE.

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLE MATERIALS, STRONG REDUCING AGENTS, MOST METALS, ORGANIC MATERIAL, CHLORATES, NITRATES, PICRATES, FULMINATES.

Stability Condition to Avoid:SPARKS AND OTHER IGNITION SOURCES.

Hazardous Decomposition Products:HYDROGEN, SULFUR DIOXIDE, SULFUR

TRIOXIDE.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.

ELECTROLYTE DISPOSE OF AS HAZARDOUS WASTE. DO NOT FLUSH LEAD/ACID TO SEWER. BATTERIES: SEND TO LEAD SMELTER FOR RECLAMATION. COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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