

JOHNSON CONTROLS INC GLOBE BATTERY DIV -- GELL CELL, DYNASTY, OR ABSORBED ELECTROLYTE -- 6140-01-111-6379

===== Product Identification =====

Product ID:GELL CELL, DYNASTY, OR ABSORBED ELECTROLYTE

MSDS Date:09/29/1985

FSC:6140

NIIN:01-111-6379

MSDS Number: BKSWQ

=== Responsible Party ===

Company Name:JOHNSON CONTROLS INC GLOBE BATTERY DIV

Address:5757 N GREEN BAY AVE

Box:591

City:MILWAUKEE

State:W

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ZIP:53201

Country:US

Info Phone Num:414-228-1200

Emergency Phone Num:414-228-2746

Preparer's Name:HEALTH,SAFETY,ENVIR. DEPT

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: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

===== Compositi

on/Information on Ingredients =====

Ingred Name:SINCE THIS ITEM IS AN ARTICLE BY OSHA DEFINITION; THE MFR
LISTS THE INGREDIENTS FOR INFORMATIONAL PURPOSES ONLY.

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

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

Ingred Name:LEAD PEROXIDE

CAS:1309-60-0

RTECS #:OG0700000

Other REC Limits:NONE SPECI
FIED

OSHA PEL:RULE IN PROCESS

ACGIH TLV:0.15 MG PB/M3

Ingred Name:LEAD SULFATE (SARA III)

CAS:7446-14-2

RTECS #:OG4375000

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15 MG PB/M3; 9192

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

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LD50 LC50 Mixture:ORAL RAT LD50 IS NOT RELEVANT

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:THE FOLLOWING HAZARDS EXIST ONLY IF THE BATTERY CASE IS BROKEN, AND CONTACT WITH THE LEAD AND SULFURIC ACID INTERNALS OCCURS. SULFURIC ACID IS CORROSIVE TO BODY TISSUES. LEAD IS A POISON. CHRONIC LEAD CONTACT CAN CAUSE ANEMIA, KIDNEY DAMAGE, NERVOUS SYSTEM DAMAGE.

Explanation of Carc

inogenicity:LEAD AND/OR SOME LEAD COMPOUNDS ARE LISTED AS CARCINOGENS.CONTACT WITH LEAD WILL NOT OCCUR IF THE BATTERY CASE IS INTACT

Effects of Overexposure:SULFURIC ACID CONTACT:IRRITATION,BURNS TO BODY TISSUES CONTACTED. LEAD(INGESTION):G/I UPSET,FATIGUE,LOSS OF APPETITE,CONSTIPATION,DIFFICULTY IN SLEEPING.

Medical Cond Aggravated by Exposure:LEAD CONTACT MAY AGGRAVATE CHRONIC KEDNEY, LIVER, OR NEUROLOGICAL DISEASES. SULFURIC CONTACT MAY AGGRAVATE CHRONIC SKIN CONDITIO NS.

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

First Aid:IF CASE IS BROKEN AND CONTACT WITH INTERNALS OCCURS:
EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRE SH AIR. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. DOCTOR TO ORDER VOMITING. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR

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

Flash Point:NOT RELEVANT

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER FOG

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:PRODUCT CASE WILL BURN EXPOSING THE INTERNAL COMPONENTS WHICH MAY RELEASE HAZARDOUS MATERIALS OR VAPORS.

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

Spill Release Procedures:COVER SPILL WITH SODA ASH OR BICARBONATE OF SODA. MIX WELL AND PLACE IN PLASTIC CONTAINER FOR DISPOSAL. DO NOT FLUSH WASHING TO SEWER OR DRAIN. COLLECT AND ALSO PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:SODIUM BICARBONATE OR SODA ASH.

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

Handling and Storage Precautions:MFR MAKES NOR RECOMMENDATIONS FOR DISPOSAL.

Other Precautions:NONE

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

Respiratory Protection:RESPIRATOR WILL NOT BE NECESSARY IF CASE IS INTACT. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT.

Protective Gloves:VINYL OR OTHER CHEMICAL RESISTANT.

Eye Protection:SAFETY GLASSES

Other

Protective Equipment:SAFETY SHOES

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. WASH AFTER USING THE PRODUCT AND BEFORE EATING, DRINKING, ETC.

Supplemental Safety and Health

MFR STATES THAT BY DEFINITION IN 29CFR1910.1200, THE BATTERY IS AN ARTICLE SINCE NORMAL CONDITIONS OF USE WILL NOT EXPOSE THE USER TO ANY HAZARDOUS MATERIAL.

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

HCC:N1

Evaporation Rate & Reference:NOT RELEVANT

Solubility in W

ater:NOT RELEVANT

Appearance and Odor:PLASTIC CASED BATTERY 1.650 X 2.000 X 2.240, WITH SOLDER TAB TERMINALS

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

Stability Indicator/Materials to Avoid:YES

INTERNALS: ALKALIS,COMBUSTABLES,MOST

METALS,ORGANICS,OXIDIZEERS,REDUCERS,CARBIDES.

Stability Condition to Avoid:OVERCHARGING, CASE RUPTURE, FIRE OR IGNITION OF CASE

Hazardous Decomposition Products:HYDROGEN, LEAD, OXIDES OF LEAD AND SULFUR.

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Disposal Considerations =====

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY SENDING BATTERY TO A LEAD SMELTER FOR RECOVERY OF THE LEAD CONTENT.

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