

GENERAL MOTORS CORP, DELCO REMY DIV -- ALL MODELS OF DELCO BATTERIES --
6140-01-333-6739

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

Product ID:ALL MODELS OF DELCO BATTERIES

MSDS Date:02/22/1993

FSC:6140

NIIN:01-333-6739

Status Code:A

MSDS Number: CKCPB

=== Responsible Party ===

Company Name:GENERAL MOTORS CORP, DELCO REMY DIV

Address:2401 COLUMBUS AVE

Box:640

City:ANDERSON

State:IN

ZIP:48011

Country:US

Info Phone Num:EMER:313/556-1597 OR 6200

Emergency Phone Num:800-5

35-5053 INFOTRAC

Preparer's Name:RICHARD GALLAGHER

CAGE:16764

=== Contractor Identification ===

Company Name:CELL ENERGY INC

Address:3190-B ORANGE GROVE AVE

Box:City:NORTH HIGHLANDS

State:CA

ZIP:95660-5706

Country:US

Phone:916-484-7974

Contract Num:SP0430-99-M-AR26

CAGE:1U269

Company Name:GENERAL MOTORS CORP, DELCO REMY DIV

Address:2401 COLUMBUS AVE

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State:IN

ZIP:48011

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CAGE:16764

===== Composition/Information on Ingredient

S =====

Ingred Name:SULFURIC ACID
CAS:7664-93-9
RTECS #:WS5600000
= Wt:37.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3
ACGIH STEL:3 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE

Ingred Name:LEAD
CAS:7439-92-1
RTECS #:OF7525000
> Wt:90.
ACGIH TLV:0.15 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SEPARATOR: POLYETHYLENE

Ingred Name:CASE AND COVER: POLYPROPYLENE (PLASTIC)

===== Hazards Ident
ification =====

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:CONTACT WITH SULFURIC ACID RESULTS IN
RAPID DESTRUCTION OF BODY TISSUE (BURNS).
Explanation of Carcinogenicity:ACCORDING TO THE INTERNATIONAL AGENCY
FOR RESEARCH FOR CANCER(IARC), OCCUPATIONAL EXPOSURE TO STRONG
INORGANIC ACID MISTS CONTAINING SULFURIC ACID

IS CARCINOGENIC TO HUMANS

Effects of Overexposure:CONTACT WITH SULFURIC ACID RESULTS IN RAPID DESTRUCTION OF BODY TISSUE (BURNS).

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

First Aid:INHALATION:DO NOT EXCEED 1 MG/M3 TWA. REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. GIVE MILK MIXED WITH EGG WHITES, IF CONSCIOUS. GET MEDICAL ATTENTION. EYE OR SKIN CO NTA CT:FLUSH WITH LARGE VOLUMES OF WATER. GET MEDICAL ATTENTION.

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

Extinguishing Media:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Fire Fighting Procedures:RECOMMEND SELF-CONTAINED BREATHING APPARATUS IF BATTERIES ARE INVOLVED IN FIRE. TOXIC FUMES FROM BURNING PLASTIC, ACID FUMES AND VAPORS CAN OCCUR.
Unusual Fire/Explosion Hazard:WHILE BATTERIES ARE BEING CHARGED, HYDROGEN GAS IS GENERATED. AVOID OPEN FLA ME, SPARKS OR LIGHTED MATCHES. ACID, AN OXIDIZER, CAN IGNITE COMBUSTIBLES UPON CONTACT.

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

Spill Release Procedures:LIME OR SODA -TYPE COMPOUNDS MAY BE USED TO NEUTRALIZE AND/OR FLUSH WITH LARGE VOLUMES OF WATER. CONTAIN SPILL.
Neutralizing Agent:LIME OR SODA-TYPE COMPOUNDS.

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

Handling and Storage Precautions:AVOID SKIN CONTACT WHEN CHARGING BATTERIES
. AVOID PLACING IN AREA WHERE HYDROGEN GAS CAN BUILD UP.
DO NOT PLACE NEAR OPEN FLAMES, SPARKS, OR LIGHTED MATCHES.
Other Precautions:PAY ATTENTION TO LABELS ON BATTERY AND CARTONS CONTAINING BATTERIES. LISTED AS A CARCINOGEN IN NTP, IARC, OR OSHA: SULFURIC ACID=IARC.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATORY PROTECTION IF 1 MG/M3 TWA IS EXCEEDED (ACID).
Ventilation:LOCAL:YES, AT CHARGING STATIONS
P

rotective Gloves:RUBBER.

Eye Protection:SPLASH-PROOF SAFETY GOGGLES.

Other Protective Equipment:USE RUBBER BOOTS AND ACID-PROOF CLOTHING FOR MINOR SPILLS.

Work Hygienic Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health

CELL ENERGY P/N: 26R-50S

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

HCC:C1

Boiling Pt:=111.7C, 233.F

Spec Gravity:VARIES WITH SIZE-1.28AVG

pH: