

DELCO REMY DIV OF GENERAL MOTORS CORP -- ALL MODELS OF DELCO BATTERIES --
6140-01-204-5432

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

Product ID:ALL MODELS OF DELCO BATTERIES
MSDS Date:02/22/1993
FSC:6140
NIIN:01-204-5432
MSDS Number: BRHBX
=== Responsible Party ===
Company Name:DELCO REMY DIV OF GENERAL MOTORS CORP
Address:2401 COLUMBUS AVE
Box:2439
City:ANDERSON
State:IN
ZIP:46018-9986
Country:US
Info P
hone Num:317-646-7800
Emergency Phone Num:317-646-7800
Preparer's Name:RICHARD GALLAGHER
CAGE:LO728

=== Contractor Identification ===

Company Name:DELCO REMY DIV OF GENERAL MOTORS CORP
Address:2401 COLUMBUS AVE
Box:2439
City:ANDERSON
State:IN
ZIP:46018
Country:US
Phone:317-646-3080
CAGE:LO728
Company Name:GENERAL MOTORS CORP, DELCO REMY DIV
Address:2401 COLUMBUS AVE
Box:640
City:ANDERSON
State:IN
ZIP:48011
Country:US
Phone:EMER:313/556-1597 OR 6200
CAGE:16764

===== Composition/Informat

ion on Ingredients =====

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 37%
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

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE
Other REC Limits:NONE SPECIFIED

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: >90%
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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:CONTACT WITH SULFURIC ACID RESULTS IN
RAPID DESTRUCTION OF BODY TISSUE (BURNS).
Explanation of Carcinogenicity:LEAD IS LISTED AS A POSSIBLE CARCINOGEN
IN IARC
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Med
ical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. EYE OR
SKIN CONTACT-FLUSH WITH LARGE VOLUMES OF WATER. GET MEDICAL
ATTENTION. INGESTION-DO NOT INDUCE VOMITING. GIVE MILK MIXED WITH
EGG WHITES I F CONSCIOUS. GET MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Med

ia:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:RECOMMENDED SELF CONTAINED BREATHING APPARATUS
IF BATTERIES ARE INVOLVED IN FIRE DUE TO TOXIC FUMES FROM BURNING
PLASTIC & ACID FUMES & VAPORS.

Unusual Fire/Explosion Hazard:WHILE BATTERIES ARE BEING CHARGED,
HYDROGEN GAS IS GENERATED. AVOID OPEN FLAMES, SPARKS OR LIGHTED
MATCHES. ACID & POWERFUL OXIDIZERS, CAN IGNITE COMBUSTIBLES.

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

Spill Release Proced

ures:LIME OR SODA 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 AREAS WHERE HYDROGEN CAN BUILD UP. DO
NOT PLACE NEAR OPEN FLAME, SPARKS OR LIGHT MATCHES

Other Precautions:PAY ATTENTION TO LABELS ON BATTERY AND CARTONS
CONTAINING BATTE
RIES.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATORY PROTECTION IF 1
MG/ M3 TWA IS EXCEEDED (ACID).

Ventilation:LOCAL EXHAUST AT CHARGING STATION.

Protective Gloves:RUBBER

Eye Protection:SPLASH-PROOF SAFETY GOGGLES

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

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health
NONE

===== P
hysical/Chemical Properties =====

HCC:C1

Boiling Pt:=111.7C, 233.F

Vapor Pres:2.730 MMHG

Spec Gravity:AVERAGE 1.280

pH: