

CONCORDE BATTERY CORP -- CHA2Q & CBA3Q BATTERY FLUID, ACID -- 6140-01-214-0353
===== Product Identification =====

Product ID:CHA2Q & CBA3Q BATTERY FLUID, ACID

MSDS Date:12/01/1994

FSC:6140

NIIN:01-214-0353

Kit Part:Y

MSDS Number: CDVSH

=== Responsible Party ===

Company Name:CONCORDE BATTERY CORP

Address:2009 SAN BERNARDINO RD

City:WEST COVINA

State:CA

ZIP:91790-1006

Country:US

Info Phone Num:818-

962-4006/FAX 818-338-3549

Emergency Phone Num:800-255-3924/626-813-1234

CAGE:63017

=== Contractor Identification ===

Company Name:ADVANCED POWER PRODUCTS

Address:7702 S GREENLEAF AVE

Box:City:WHITTIER

State:CA

ZIP:90602

Country:US

Phone:562-696-7334

Contract Num:SP0430-99-C-5654

CAGE:1CNZ7

Company Name:CONCORDE BATTERY CORP

Address:2009 SAN BERNARDINO RD

Box:City:WEST COVINA

State:CA

ZIP:91790-1006

Country:US

Phone:800-255-3924/818-813-1234

CAGE:63017

===== Composition/Information on I

Ingredients =====

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000

Minimum % Wt:29.6

Maximum % Wt:38.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

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Health Hazards Acute and Chronic:INHALATION PRODUCES DAMAGING EFFECTS ON THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. MAY CAUSE LUNG EDEMA. INGESTION: CORROSIVE. SWALLOWING CAN CAUSE SEVERE BURNS OF THE MOUTH, THROAT AND STOMACH .CAN CAUSE SORE THROAT,VOMITING,DIARRHEA. SKIN CONTACT:CORROSIVE. SYMPTOMS OF REDNESS, PAIN AND SEVERE BURNS CAN OCCUR. EYE CONTACT:CORROSIVE. SPLASHES CAN CAUSE BLURRED VISION, REDNESS, PAIN AND SEVERE TISSUE BURNS.

Explanation of Carc

inogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:SKIN-REDNESS, PAIN, SEVERE BURNS. EYES-BLURRED VISION, REDNESS, PAIN, SEVERE TISSUES BURNS. INHALED-DAMAGING EFFECTS ON MUCOUS MEMBRANED & UPPER RESPIRATORY TRACT, LUNG EDEMA. INGESTED-SORE THROAT, VO MITING, DIARRHEA, SEVERE BURNS TO MOUTH/THROAT/STOMACH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION:MOVE TO FRESH AIR.IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,GIVE OXYGEN. CALL A PHYSICIAN. INGESTION:IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OR MILK IF AVAILABLE. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN EXPOSURE:IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 M

INUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN EYE EXPOSURE:WASH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, LIFTING LOWER AND UPPER EYELIDS OCCASIONALLY.GET M ED ATTN.

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

Flash Point:NOT COMBUSTIBLE

Extinguishing Media:DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.WATER SPRAY MAY BE USED TO COOL CONTAINERS EXPOSED BY FIRE.

Fire Fighting Procedures:IN THE EVENT OF FIRE, WEAR FULL PROTECTIVE

CLOTHING AND NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NOT COMBUSTIBLE, BUT SUBSTANCE IS A STRONG OXIDIZER AND ITS HEAT OF REACTION WITH REDUCING AGENTS OR COMBUSTIBLES MAY CAUSE IGNITION. REACTS WITH MOST METALS RELEASING FLAMMABLE, POTENTIALLY EXPLOSIVE HYDROGEN GAS.

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

Spill Release Procedures:COVER SPILL WITH SODIUM BICARBONATE OR SODA AND MIX. WASH ENTIRE AFFECTED AREA WITH PLENTY OF WATER.

Neutralizing Agent:NEUTRALIZE WITH SODIUM BICARBONATE OR SODA AND DILUTE WITH WATER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE WITH ACID RESISTANT FLOORS AND GOOD DRAINAGE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:PACKAGE WITH SPECIAL BOX, AUTHORIZED ONLY FOR ELECTROLYTE (ACID) IN ACCORDANCE WITH 49 CFR PARA 173.202.

===== Exposure

Controls/Personal Protection =====

Respiratory Protection:DEPENDS ON THE VAPOR CONCENTRATION ABOVE THE TLV. USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK IF REQUIRED.

Ventilation:DLA-HMIS: USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:RUBBER APRON, FACESHIELD. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Supplemental Safety and He

alth

KEY1=C1. BATTERY COMES AS TWO PARTS-DRY BATTERY & BATTERY FLUID (ACID).

THIS MSDS IS FOR THE BATTERY ACID. SEE PNI B FOR DRY BATTERY. PNI A
MAY REPRESENT BATTERY AFTER ACID IS ADDED. FOR DRY BATTERY S EE
MSDS SERIAL CDVSH.

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

HCC:C1

Boiling Pt.=135.C, 275.F

Vapor Pres:3.8-18.7 MM

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN ETHER.

Appearance and Odor:NONE PROVIDED BY MSDS.

Percent Volatiles by

Volume: