

COLONIAL CHEMICAL CO -- BATTERY FLUID (ELECTROLYTE) -- 6140-00-895-6064

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

Product ID:BATTERY FLUID (ELECTROLYTE)

MSDS Date:11/02/1987

FSC:6140

NIIN:00-895-6064

MSDS Number: BHHPR

=== Responsible Party ===

Company Name:COLONIAL CHEMICAL CO

Address:78 CARRANZA ROAD, R.D.#3

City:TABERNACLE

State:NJ

ZIP:08088-9804

Country:US

Info Phone Num:609-268-1200

Emergency Phone

Num:609-268-1200

CAGE:2L633

=== Contractor Identification ===

Company Name:COLONIAL CHEMICAL CO

Address:R D NO 3 TABERNACLE CARRANZA RD

Box:City:VINCETOWN

State:NJ

ZIP:08088-9804

Country:US

Phone:609-268-1200

CAGE:2L633

===== Composition/Information on Ingredients =====

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 35.15%

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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:BURNS,SEVERE IRRITATION OF  
SKIN,EYES,MOUTH,THROAT,ESOPHAGUS AND STOMACH;INFLAMMATION OF  
BRONCHIAL MEMBRANES. CHRONIC:EROSION OF TEETH,INFLAMMATION OF  
NOSE,THROAT AND BRONCHIAL TUBES.  
Effects of Overexposure:COUGH,INCREASED RES  
PIRATORY  
RATE,STINGING,BURNING SENSATION ON SKIN,EYE  
IRRITATION,DISCOLORATION OF TEETH.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.  
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF  
WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.  
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:FIRE FIGHT  
ERS 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:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT.DILUTE  
CAUTIOUSLY WITH WATER.COVER WITH SODA ASH OR QUICKLIME.SCOOP UP AND  
PLACE IN AP

PROPIATE DISPOSAL CONTAINER.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE) OR QUICKLIME (CALCIUM OXIDE).

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES AND COMBUSTIBLE MATERIALS.AVOID CONTACT WITH ORGANIC MATERIALS.

Other Precautions:KEEP TERMINALS COVERED IN PLASTIC CASE.AVOID SHORTING BATTERIES.

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

Respiratory Protection:NONE N

ORMALLY REQUIRED. NIOSH/MSHA-APPROVED

CARTRIDGE RESPIRATOR FOR ACIDS OR FULL FACE MASK AS APPROPRIATE FOR EXPOSURE OF CONCERN WHEN TLV IS EXCEEDED.

Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HY

GIENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

THIS MSDS IS FOR ACID IN BATTERY.ADDITIONAL HAZARDS ASSOCIATED WITH THE LEAD CONTAINED IN THE BATTERY PLATES MAY BE PRESENT AT TIME OF DISPOSAL.

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

HCC:C1

Boiling Pt:B.P. Text:230F,110C

Vapor Pres:0.5

Spec Gravity:1.265

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID. S

OMETIMES CLOUDY. USUALLY  
ODORLESS.  
Percent Volatiles by Volume:NEGL.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES  
Hazardous Decomposition Products:SULFURIC ACID FUMES,SULFUR  
DIOXIDE,SULFUR TRIOXIDE,CARBON MONOXIDE,HYDROGEN GAS.

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

Waste Disposal Methods:CONSULT  
YOUR LOCAL ENVIRONMENTAL OFFICER.  
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL ENVIRONMENTAL  
REGUALTIONS.

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