

SPECTRUM CHEMICAL MANUFACTURING CORP. -- ELECTROLYTE (ACID) BATTERY FLUID --
6810-00-236-0702

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

Product ID:ELECTROLYTE (ACID) BATTERY FLUID

MSDS Date:06/27/1989

FSC:6810

NIIN:00-236-0702

MSDS Number: BHCSD

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:U

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Info Phone Num:213-516-8000 OR 714-864-2310(VENDE

Emergency Phone Num:213-516-8000

CAGE:63415

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S

SAN PEDRO ST
Box:City:GARDENA
State:CA
ZIP:90248-2027
Country:US
Phone:310-516-8000/FAX: 310-516-9843
CAGE:63415

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Composition/Information on Ingredients
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Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 63.0%

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2140 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA
:NO

Health Hazards Acute and Chronic:CHRONIC: INHALATION OF VAPORS MAY
CAUSE SEVERE IRRITATION OR BURNS OF THE RESPIRATORY SYSTEM,
PULMONARY EDEMA, OR LUNG INFLAMMATION. MAY CAUSE SEVERE BURNS TO
SKIN OR EYES. INGESTION MAY CAUSE SEVERE BURNS TO MOUTH, THROAT,
AND STOMACH. MAY AFFECT KIDNEY FUNCTION. CHRONIC: MAY DAMAGE LUNGS.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP,
OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SEVERE IRRITATION OR BURNS TO
EYES, NOSE AND

THROAT. PULMONARY EDEMA, BRONICAL EMPHYSEMA, CONJUNCTIVITIS,
STOMATITIS, DENTAL EROSION, NAUSEA AND VOMITING.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE RESPIRATORY TRACT MAY
BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT
BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIA

TELY FLUSH WITH

PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH PLENTY OF WATER FOR 15 MINUTES. 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:NOT FLAMMABLE. USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG IN CASE OF FIRE.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRES. 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 (OXIDES OF SULFUR). CONTAINER MAY EXPLODE.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL P

ROTECTIVE CLOTHING. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. DO NOT USE WATER. NEUTRALIZE SPILL AND/OR WASHINGS WITHN SODA ASH OR LIME. WITH CLEAN SHO VEL, PLACE MATERIAL INTO CLEAN, DRY CONTAINER.

Neutralizing Agent:SODA ASH OR LIME

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN CORROSION-PROOF AREA. KEEP CONTAINERS OUT OF SUN AND AWAY FROM HEAT. ISOLATE FROM INCOMPATIBLE MATERIAL

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Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPOR. KEEP IN TIGHTLY CLOSED CONTAINER. LOOSEN CLOSURE CAUTIOUSLY. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. IN CASE OF SPILL NEUTRALIZE WITH SODA ASH OR LIME.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ACID VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:USE MECHANICAL

(GENERAL) OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves: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 HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO

NOT BREATHE VAPORS OR MISTS.

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

HCC:C1

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLES, REDUCING AGENTS, STRONG BASES.

Stability Condition to Avoid:HIGH HEAT, MOISTURE

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE, HYDROGEN GAS

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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