

SCHOLL CORPORATION -- ELECTROLYTE BATTERY ACID -- 6810-00-843-1640

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Product Identification  
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Product ID:ELECTROLYTE BATTERY ACID

MSDS Date:01/01/1991

FSC:6810

NIIN:00-843-1640

MSDS Number: BFSGB

=== Responsible Party ===

Company Name: SCHOLL CORPORATION

Address: 200 WEST NORTH AVENUE

City: NORTH LAKE

State: IL

ZIP: 60164-2402

Country: US

Info Phone Num: 708-562-7290

Emergency Phone Num: 708-562-7  
290

CAGE: JO953

=== Contractor Identification ===

Company Name: A AND B CHEMICAL AND EQUIPMENT CO

Address: 2931 2ND AVE SUITE 100

Box: City: RICHMOND

State: VA

ZIP: 23222

Country: US

Phone: 804-329-3197

CAGE: 0F8M0

Company Name: SCHOLL CORPORATION

Address: 200 WEST NORTH AVENUE

City: NORTH LAKE

State: IL

ZIP: 60164-2402

Country: US

Phone: 708-562-7290

CAGE: JO953

Company Name: SCHOLLE CORP

Address: 200 W NORTH AVE

Box: City: MELROSE PARK

State: IL

ZIP: 60164-2402

Country: US

Phone: 708-562-7290

CAGE: 97807

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Composition/Information on Ingredients =====

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 37.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 63%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2140 MG/KG (H2SO4)

Rout

es of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: 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. BLINDNESS MAY RESULT. INGESTION MAY CAUSE SEVERE BURNS TO MOUTH, THROAT, AND STOMACH. MAY AFFECT KIDNEY FUNCTION. CHRONIC: MAY DAMAGE LUNGS.

Explanation of Carcinogenicit

y: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, BRONCHIAL 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 SUCH AS EMPHYSEMA MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Meas

ures =====

First Aid:EYES/SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. OBSERVE FOR POSSIBLE DELAYED REACTION. GIVE OXYGEN/CPR IF NEEDED. INGESTION: DO NOT INDUCE VOMITING. GIVE SEVERAL GLASSES OF MILK, MILK OF MAGNESIA, TABLE OIL, FRESH EGGS OR WATER. FOR ALL EXPOSURES, GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====  
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Flash Point:NONE

Extinguishing Media:USE WATER SPRAY OR DRY CHEMICAL. DO NOT USE DIRECT WATER STREAM. ACID REACTS VIOLENTLY WITH WATER AND CAN SPATTER.

Fire Fighting Procedures:WEAR RUBBERIZED PROTECTIVE CLOTHING AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:FLAMMABLE AND POTENTIALLY EXPLOSIVE HYDROGEN GAS CAN BE GENERATED INSIDE METAL DRUMS AND STORAGE TANKS. CONCENTRATED SULFURIC ACID CAN IGNITE COMBUSTIBLE MATLS.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND EQUIPMENT. NEUTRALIZE SPILL AND/OR WASHINGS WITH SODA ASH OR LIME. PROVIDE ADEQUATE VENTILATION DUE TO RELEASE OF CO2 GAS. COLLECT MATERIAL INTO APPROPRIATE DISPOSAL CONTAINER. ATTEMPT TO KEEP OUT OF SEWER.

Neutralizing Agent:LIME OR SODA ASH.

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

Handling and Storage

Precautions:DO NOT STORE NEAR ORGANICS, COMBUSTIBLES OR REACTIVE CHEMICALS. HYDROGEN MAY BE GENERATED INSIDE CONTAINERS. AVOID FLAMES AND SPARKS.

Other Precautions:NEVER ADD WATER TO CONTAINERS OF ACID. FOR SPILLS, BEWARE OF ACID REACTION IN SEWERS THAT MAY PRODUCE FLAMMABLE HYDROGEN GAS OR TOXIC SULFIDES.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CON

CENTRATION EXCEEDS TLV, USE A

NIOSH APPROVED GAS MASK WITH ACID GAS CANISTER AND HIGH EFFICIENCY PARTICULATE FILTER. FOR HIGH CONCENTRATIONS USE SCBA.

Ventilation:USE MECHANICAL (GENERAL) OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS. USE CORROSION PROOF EQUIPMENT.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. ACID RESISTANT APRON, TROUSERS AND JACKET AS REQUIRED. NEU

TRALIZATION

SUPPLIES.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES.

LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. NO SMOKING IN WORK AREA.

Supplemental Safety and Health

NONE.

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

HCC:C1

Boiling Pt:B.P. Text:275F @ 35%

Melt/Freeze Pt:M.P/F.P Text:-80F @ 35%

Vapor Pres: