

SCHOLLE CORP -- QUAL (AND OTHER) BRANDS OF ELECTROLYTE BATTERY ACID --
6810-00-236-0702

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

Product ID:QUAL (AND OTHER) BRANDS OF ELECTROLYTE BATTERY ACID

MSDS Date:03/19/1992

FSC:6810

NIIN:00-236-0702

MSDS Number: BWSNB

=== Responsible Party ===

Company Name: SCHOLLE CORP

Address: 200 W NORTH AVE

City: NORTHLAKE

State: IL

ZIP: 60164-2402

Country: US

Info Phone Num: 708-56

2-7290

Emergency Phone Num: 708-562-7290 CHEMTREC 800-424-9300

CAGE: 97807

=== 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: SCHOLLE CORP

Address: 200 W NORTH AVE

Box: City: MELROSE PARK

State: IL

ZIP: 60164-2402

Country: US

Phone: 708-562-7290

CAGE: 97807

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

Ingred Name: SULFURIC ACID

(SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 28-29.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 20.5%
Other REC Limits:NONE RECOMMENDED

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

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

Health Hazards Acute and Chronic:**CORROSIVE** 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 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, 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 MAY BE AT INCREASED RISK FROM EXPOSURE.

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

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 (PREFERRED) OR WATER. FOR ALL EXPOSURES, GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE WATER SPRAY OR DRY CHEMICAL. DO NOT USE DIRECT WATER STREAM. ACID REA

CTS VIOLENTLY WITH WATER AND CAN SPATTER.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

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 Proc

cedures: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:PROTECT FROM PHYSICAL DAMAGE. STORE IN COOL, WELL VENTILATED AREA, AWAY FROM COMBUSTIBLES AND REACTIVE

CHEMICALS. KEEP OUT OF SUN AND AWAY FROM HEAT.

Other Precautions:KEEP CONTAINERS UPRIGHT. NO SMOKING IN STORAGE AREA. KEEP IN TIGHTLY CLOSED CONTAINER. LOOSEN CLOSURE CAUTIOUSLY. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, USE A NIOSH APPROVED GAS MASK WITH ACID GAS C

ANISTER AND HIGH EFFICIENCY
PARTICULATE FILTER.

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. NEUTRALIZATION
SUPPLIES.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDE

D PROCEDURES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

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

HCC:C1

Boiling Pt:B.P. Text:275F,135C

Vapor Density:>1

Spec Gravity:1.211

pH:ACIDIC

Appearance and Odor:LIQUID,TURBID,OILY;COLORLESS TO SLIGHTLY
YELLOW;ODORLESS.

Corrosion Rate:CORROSIV

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

Stability Indicator/Materials to Avoid:YES

METALS,ORGANIC SUBSTANCES.

Stabi

lity Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES OF SULFUR,WHICH FURTHER REACTS
SUBJECT MATERIAL TO FORM HYDROGEN CYANIDE AND HYDROGEN SULFIDE.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. EPA
HAZARDOUS WASTE NUMBER, D0002(CORROSIVE) AND D003(REACTIVE).

Disclaimer (provided with t

his information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.