

SCHOLLE CORP -- BATTERY FLUID, ACID -- 6810-00-236-0702

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Product Identification  
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Product ID: BATTERY FLUID, ACID

MSDS Date: 07/01/1998

FSC: 6810

NIIN: 00-236-0702

Status Code: A

MSDS Number: CJWDN

=== Responsible Party ===

Company Name: SCHOLLE CORP

Address: 200 W NORTH AVE

City: NORTHLAKE

State: IL

ZIP: 60164

Country: US

Info Phone Num: 708-562-7290

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

Chemtrec Ind/Phone: (800)424-9300

CAGE: TO439

=== Contractor Identification ===

Company Name: SCHOLLE CORP

Address: 200 W NORTH AVE

Box: City: MELROSE PARK

State: IL

ZIP: 60164-2402

Country: US

Phone: 708-562-7290

Contract Num: SP0450-00-M-D272

CAGE: 97807

Company Name: SCHOLLE CORP

Address: 200 W NORTH AVE

Box: City: NORTHLAKE

State: IL

ZIP: 60164

Country: US

Phone: 708-562-7290

CAGE: TO439

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Composition/Information on Ingredients  
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Ingred Name: SULFURIC ACID (SARA III)

CAS: 7664-9

3-9  
RTECS #:WS5600000  
Fraction by Wt: 34-36%  
Other REC Limits:NONE SPECIFIED  
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: 64-66%  
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OS  
HA:NO  
Health Hazards Acute and Chronic:THIRD DEGREE BURNS. SEVERE  
RESPIRATORY, SKIN, AND EYE IRRITANT. BRONCHITIS, LARYNGEAL AND  
PULMONARY EDEMA MAY RESULT.  
Explanation of Carcinogenicity:IARC LISTS A POSSIBLE LINK BETWEEN  
SULFURIC ACID EXPOSURE & LARYNGEAL CANCER W/INSUFFICIENT DATA FOR  
CONFIRMATION.  
Effects of Overexposure:PRICKLING OR BURNING SENSATION OF SKIN AND  
MUCOUS MEMBRANES. COUGHING, SNEEZING, TIGHTNESS OF CHEST,  
DIFFICULTY IN BREATHING.  
Medical Cond Aggravated  
by Exposure:ANY PRE-EXISTING RESPIRATORY  
DISEASE, FOR EXAMPLE EMPHYSEMA.

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

First Aid:SEE SUPP DATA. GET IMMEDIATE MEDICAL ATTENTION!! EYE:FLUSH  
W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED  
CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. AID  
OR RESTO RE BREATHING AS NEEDED. INGESTED:DO NOTINDUCE VOMITING.  
GIVE LARGE QUANTITIES OF MILK, MILK OF MAGNESIA, TABLE OIL, EGGS OR

WATER TO DRINK. GET IMMEDIATE MEDICAL ATTENTION. RINSE MOUTH OFTEN.

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

Extinguishing Media: DRY CHEMICAL OR CARBON DIOXIDE FOR SMALL FIRES.  
WATER FOG, LARGE FIRES.

Fire Fighting Procedures: DO NOT DIRECT WATER INTO ACID TANKS. COOL  
OUTSIDE OF TANK W/WATER. WEAR FULL-FACE, SCBA, RUBBERIZED OUTER  
WEAR, GLOVES, BOOTS.

Unusual Fire/Explosion Hazard: SULFURIC ACID WILL NOT BURN BUT CAN START  
FIRES WITH ORGANIC MATERI

AL, NITRATES, CARBIDES, CHLORATES & METAL  
POWDER. FLAMMABLE HYDROGEN GAS FORMED BY METAL CONTACT. HYDROGEN  
MAY ACCUMULATE IN CONTAINERS, AVOID IGNITION SOURCES, SPILL INTO  
SEWERS MAY GENERATE HYDROGEN OR TOXIC SULFIDES.

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

Spill Release Procedures: WEAR FULL ACID-PROTECTIVE GEAR. REMOVE SOURCES  
OF IGNITION. NEUTRALIZE SPILL WITH LIME OR SODA ASH. FLUSH TO WASTE  
WATER TREATMENT SYSTEM IF ALLOWED. DIKE LARGE SP  
ILLS. DO NOT WASH

INTO STORM OR SANITARY SEWER SYSTEM.

Neutralizing Agent: LIME OR SODA ASH (MIN 7.8 LBS PER GALLON OF  
ELECTROLYTE) CONSULT REGULATIONS.

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

Handling and Storage Precautions: DO NOT STORE NEAR ORGANICS. HYDROGEN  
MAY BE GENERATED INSIDE DRUMS & TANKS. AVOID FLAMES & SPARKS.

Other Precautions: NEVER ADD WATER TO CONTAINERS OF ACID. BEWARE OF ACID  
REACTION IN SEWERS THAT MAY PRODUCE FLAMMABLE HYDROGEN GA  
S OR TOXIC  
SULFIDES.

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

Respiratory Protection: WHEN NEEDED USE NIOSH OR MSHA APPROVED HALF OR  
FULL-FACE MASK WITH ACID GAS CARTRIDGE. FOR HIGH CONCENTRATIONS,  
USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation: REQUIRED. USE LOCAL EXHAUST. NOTE: VENTILATE STORAGE TANKS  
BEFORE ENTERING.

Protective Gloves: RUBBER

Eye Protection: CHEMICAL GOGGLES OR FULL FACE SHIELD.

Other Protective Equipment: RUBBER SAFETY SHOES/BOOTS.

RUBER APRON OR

FULL SUIT IF SPLASHES LIKELY.

Work Hygienic Practices:PROHIBIT SMOKING. PROVIDE SAFETY SHOWERS/EYE WASHES NEAR WORK SITE. TRAIN EMPLOYEES IN CHEMICAL HANDLING PRACTICES.

Supplemental Safety and Health

SPEED REMOVING ACID IS ESSENTIAL!! TREAT MOST URGENT SYMPTOMS FIRST. CESSATION OF BREATHING,EYE INJURY,SKIN CONTACT,SHOCK. SEEK MEDICAL ASSISTANCE EVEN IF INJURY APPEARS SLIGHT. DURING TRANSPORT TO MEDICAL FACILITY, APPLY COLD COMPRESSES. IMMERSE AREA IN ICE WATER.

AVOID FREEZING TISSUES. CONTINUE WASHING AFFECTED AREA

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

HCC:C1

NRC/State Lic Num:NONE

Boiling Pt:=135.C, 275.F

Melt/Freeze Pt:=-62.2C, -80.F

Vapor Pres:< 1

Vapor Density:3.4 (AIR=1

Spec Gravity:1.265

pH:< 1

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID.

Percent Volatiles by Volume:UNK.

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

Stability Indicator/Materials to A

void:YES

METALS, ORGANICS, NITRATES, CARBIDES, CHLORATES, ALLYL COMPOUNDS, AND ALDEHYDES

Stability Condition to Avoid:CONTACT WITH METALS, ORGANICS.

Hazardous Decomposition Products:SULFUR OXIDES AT HIGH TEMPERATURE.

REACTS W/ABOVE TO FORM HYDROGEN CYANIDE & HYDROGEN SULFIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR. AVOID ALL CONTACT WITH ORGANIC SUBSTANCES AND MOST METALS.

===== Ecological Information =====

Ecological:REPORTABLE QUANTIT

Y= 1000 LBS AS H2S04.

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

Waste Disposal Methods:NEUTRALIZE W/LIME OR SODA ASH. CONSULT REGULATIONS. EPA HAZARDOUS WASTE D002- CORROSIVE & D003-REACTIVE IF DISCARDED W/O PRIOR NEUTRALIZATION.

===== MSDS Transport Information =====

Transport Information:DOT PSN: BATTERY FLUID ACID. CLASS 8, UN2796.

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