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SCHOLLE CORP -- BATTERY FLUID, ACID (ELECTROLYTE) -- 6810-00-823-8007
========== Product Identification ==========

Product ID:BATTERY FLUID, ACID (ELECTROLYTE)
MSDS Date:06/01/1997
FSC:6810
NIIN:00-823-8007
MSDS Number: BTKRS
=== Responsible Party ===
Company Name:SCHOLLE CORP
Address:200 W NORTH AVE
City:NORTHLAKE
State:IL
ZIP:60164-2402
Country:US
Info Phone Num:708-562-7290
Emergency Phone Num:708-562-7
290/800-424-9300 CHEMTREC
CAGE:97807
=== Contractor Identification ===
Company Name:ECOLINK INC
Address:1481 ROCK MOUNTAIN BLVD
Box:City:STONE MOUNTAIN
State:GA
ZIP:30083
Country:US
CAGE:0WV71
Company Name:SCHOLLE ATLANTA CORP
Address:2300 W POINT AVE
Box:City:COLLEGE PARK
State:GA
ZIP:30337-5502
Country:US
CAGE:3D868
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 302/313) (CERCLA)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 48-50%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3/3 STEL; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 50-52%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2140 MG/KG
Routes of Entry: Inh
alation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA: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:SULFURIC ACID MISTS ARE CLASSIFIED IARC-2B.
Effects of Overexposure:PRICKLING OR BURNING SENSATION OF SKIN AND MUCOUS MEMBRANES. COUGHING, SNEEZING, TIGHTNESS OF CHEST, DIFFICULTY IN BREATHING.
Medical Cond A
ggravated by Exposure:ANY PRE-EXISTING RESPIRATORY DISEASE, FOR EXAMPLE EMPHYSEMA.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH- TO-MOUTH RESUSCITATION IF NOT BREATHING. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION. SKIN: WASH WITH PLENTY OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.

GET MEDICAL ATTENTION. INGESTED: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATEL

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

Flash Point:NONFLAMMABLE
Lower Limits:NONFLAMMABLE
Upper Limits:NONFLAMMABLE
Extinguishing Media:DRY CHEMICAL OR CARBON DIOXIDE FOR SMALL FIRES. WATER FOG FOR LARGE FIRES.
Fire Fighting Procedures:DO NOT DIRECT WATER INTO ACID TANKS. COOL OUTSIDE OF TANK WITH WATER. WEAR FULL-FACE, SELF-CONTAINED RESPIRATOR, RUBBERIZED OU
TER WEAR, GLOVES, BOOTS.
Unusual Fire/Explosion Hazard:SULFURIC ACID WILL NOT BURN BUT CAN START FIRES WITH ORGANIC MATERIAL, NITRATES, CARBIDES, CHLORATES AND METAL POWDERS. FLAMMABLE HYDROGEN GAS CAN FORM.

========== 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 SPILLS. DO NOT WASH INTO STORM OR SANIT ARY SEWER SYSTEM.
Neutralizing Agent:LIME OR SODA ASH (MIN 7.8 LBS PER GALLON OF ELECTROLYTE) CONSULT REGULATIONS.

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

Handling and Storage Precautions:DO NOT STORE NEAR ORGANICS. HYDROGEN MAY BE GENERATED INSIDE DRUMS AND TANKS. AVOID FLAMES AND SPARKS.
Other Precautions:NEVER ADD WATER TO CONTAINERS OF ACID. BEWARE OF ACID REACTION IN SEWERS THAT MAY PRODUCE FLAMMABLE HYDROGEN GAS OR TOXIC

SULFIDES.

========== 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 UNIT.
Ventilation: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 SU

IT IF SPLASHES LIKELY.PROVIDE EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:PROHIBIT SMOKING. PROVIDE SAFETY SHOWERS/EYE WASHES NEAR WORK SITE. TRAIN EMPLOYEES IN CHEMICAL HANDLING PRACTICES.
Supplemental Safety and Health
HYDROGEN GAS MAY ACCUMULATE IN CONTAINERS. AVOID IGNITION SOURCES. SPILL OVER INTO SEWERS MAY GENERATE HYDROGEN GAS OR TOXIC SULFIDES. ADDITION OF WATER TO ACID CAUSES HEAT AND POSSIBLE SPLATTERING.

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

HCC:C1
Boiling Pt:B.P. Text:260F,127C
Vapor Pres:< 1
Vapor Density:3.4 (AIR=1
Spec Gravity:1.400 (WATER=1)
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 Avoid:YES
METALS, ORGANICS, NITRATES, CARBIDES, CHLORATES, ALLYL COMPOUNDS, AND ALDEHYDES
Stability Condition to Avoid:CONTACT WITH METALS, ORGANICS.
Hazardous Decomposition Products:SULFUR DIOXIDE, SULFUR TRIOXIDE, HYDROGEN SULFIDE, HYDROGEN GAS

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

Waste Disposal Methods:NEUTRALIZE WITH LIME OR SODA ASH. CONSULT REGULATIONS. EPA HAZARDOUS WASTE D0002- CORROSIVE AND D0003-REACTIVE IF DISCARDED WITHOUT PRIOR NEUTRALIZATION.

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