ALLIED CHEMICAL CORP. -- O-S-801,SULFURIC ACID,ELECTROLYTE BATT,CL 3 -- 6810-00-893-8138

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

Product ID:O-S-801,SULFURIC ACID,ELECTROLYTE BATT,CL 3
MSDS Date:01/01/1985
FSC:6810
NIIN:00-893-8138
MSDS Number: BFVCT
=== Responsible Party ===
Company Name:ALLIED CHEMICAL CORP.
Address:COLUMBIA RD AND PARK AVE
Box:1087R
City:MORRISTOWN
State:NJ
ZIP:07960
Country:US
Info
Phone Num:201-455-3073/2145
Emergency Phone Num:201-455-3073/2000
CAGE:1L168
=== Contractor Identification ===
Company Name:ALLIED CHEMICAL COMPANY
Box:1087R
CAGE:1L168
Company Name:ALLIED-SIGNAL INC
Address:Box:2332R
City:MORRISTOWN
State:NJ
ZIP:07962-2332
Country:US
Phone:201-455-4414
CAGE:1L164

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

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 37%.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 919

2
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 63%.

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:SEVERE BURNS TO SKIN OR EYES. INHALATION OF MIST FROM HOT SULFURIC ACID CAN BE INJURIOUS TO LUNGS.

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

First A
id:EYES: IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH CONTAMINATED AREAS OF BODY WITH WATER AND SOAP. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: STOMACH WASH. INHALATION: OXYGEN WITH USE OF INTERMITTENT POSITIVE PRESSURE BREATHING APPARATUS.

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

Flash Point:NONE
Extinguishing Media:FOR COMBUSTIBLES, USE SUITABLE DRY CHEMICALS. NO WATER ON ACID.
Fire Fighting Proced
ures:GAS MASK WITH SULFURIC ACID ABSORBING CANISTER APPROVED BY THE U.S. BUREAU OF MINES.
Unusual Fire/Explosion Hazard:REACTS WITH STEEL AND MANY COMMON METALS TO PRODUCE HYDROGEN GAS WHICH CAN BE A FIRE AND EXPLOSION HAZARD.

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

Spill Release Procedures:COVER WITH SODIUM CARBONATE OR AN EQUAL AMOUNT OF SODA ASH AND SLAKED LIME. AFTER MIXING ADD WATER IF NECESSARY TO FORM A SLURRY. SODA ASH AND LIMESTONE WILL RELE

ASE CARBON DIOXIDE
GAS REQUIRING ADEQU ATE VENTILATION.
Neutralizing Agent:SODIUM CARBONATE, 50-50 MIXTURE OF SODA ASH AND SLAKED LIME

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

Handling and Storage Precautions:SMOKING, OPEN LIGHTS, AND SPARKS NOT PERMITTED IN STORAGE AREAS. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE AND PREVENT CONTACT WITH WATER.
Other Precautions:SEPARATE FROM CARBIDES, CHLORATES, FULMINATES, NITRATES, PICRATES, POWDERED METALS,
AND COMBUSTIBLE MATERIALS.
WEAR RUBBER GLOVES, CHEMICAL GOGGLES, RUBBER BOOTS, AND A CHEMICAL CARTRIDGE RESPIRATOR.

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

Respiratory Protection:INDUSTRIAL CANISTER TYPE GAS MASK APPROVED BY THE U.S. BUREAU OF MINES.
Ventilation:AS REQUIRED TO REMOVE ANY MISTS OF TOXIC GASES.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL GOGGLES
Other Protective Equipment:RUBBER APRONS, RUBBER SAFETY SHOES, FACE SHIELD, CLOTHING
W
ork Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
CONCENTRATED ACID OXIDIZES, DEHYDRATES, OR SULFONATES MOST ORGANIC COMPOUNDS. MIXED WITH WATER EVOLVES MUCH HEAT. UNNEUTRALIZED ACID MUST NOT CONTACT SULFIDE WASTES TO PREVENT POISONOUS HYDROGEN SULFI DE GAS.

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

HCC:C1
Boiling Pt:B.P. Text:625F,329C
Spec Gravity:1.285
Evaporation Rate & Reference:< 1 (ETHER = 1)
Solubility in Wa

ter:COMPLETE
Appearance and Odor:SLIGHTLY VISCOUS, CLEAR TO CLOUDY LIQUID WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES
CARBIDES, CHLORATES, FULMINATES, NITRATES, PICRATES, POWDERED METALS
Stability Condition to Avoid:HIGH HEAT, MOISTURE
Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE, HYDROGEN GAS

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

Waste Disposal Method
s:NEUTRALIZE ACID WITH LARGE AMOUNTS OF WATER, SODA ASH, AND SLAKED LIME BY STIRRING. DISPOSE OF BY STORING IN APPROVED CONTAINERS FOR CORROSIVE LIQUIDS.