

WEST CHEMICAL INDUSTRIES, INC. -- SULFURIC ACID,ELECTROLYTE -- 6810-00-249-9354
===== Product Identification =====

Product ID:SULFURIC ACID,ELECTROLYTE
MSDS Date:04/14/1993
FSC:6810
NIIN:00-249-9354
MSDS Number: BQKNW
=== Responsible Party ===
Company Name:WEST CHEMICAL INDUSTRIES, INC.
City:MANILA
Country:RP
Info Phone Num:804-279-4371 (DGSC-SSH)
Emergency Phone Num:804-279-4371 (DGSC-SSH)
Preparer's Name:DGSC-SSH
CAGE:KO852
=== Contractor Identification ===
Company Name:WEST CHEMICAL INDUSTRIES, INC.
City:MANILA
Country:RP
Phone:804-279-4371 (DGSC-SSH)
CAGE:KO852

===== 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; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS CORROSIVE TO BODY TISSUES.
IT IS TOXIC VIA ITS CORROSIVITY.
Effects of Overexposure:BURNS, RAPID DESTRUCTION OF TISSUES WHEREVER IT
IS IN CONTACT.
Medical Cond Aggravated by Exposure:NONE

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First Aid Measures
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First Aid:EYE: FLUSH WITH WATER 15 MIN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. LAUNDRY CLOTHING BEFORE REUSE. INHALED: REMOVE FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED. INGESTED: DO NOT INDUCE VOMITING. GIVE WATER OR MILK. (NOTHING BY MOUTH IF UNCONSCIOUS).GET IMMEDIATE MEDICAL CARE.IF SYMPTOMS PERSIST OR SEVERE, GET MEDICAL CARE.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:NOT FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:CONTACT WITH CERTAIN METALS LIBERATES HYDROGEN WHICH MAY BUILD TO EXPLOSIVE CONCENTRATIONS.

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Accidental Release Measures
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Spill Release Procedures:CONTAINS SPILL. COVER WITH NEUTRALIZING AGENT.
ADD WATER AS NEEDED TO FORM SLURRY. VENTILATE CLOSED AREA. SCOOP SLURRY INTO DISPOSAL CONTAINER. WASH REMAINDER WITH WATER.
Neutralizing Agent:SODIUM BICARBONATE OR 50/50 MIX OF SODA ASH/LIME.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREAS.
Other Precautions:DECONTAMINATE "EMPTY" CONTAINERS BEFORE DISPOSAL.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE EXPECTED TO BE NECESSARY. PRODUCT SHOULD NOT BE MISTED UNDER FORSEEABLE USE. IF MISTED, USE NIOSH/MSHA RESPIRATOR FOR ACID MIST.

Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:RUBBER, PLASTIC, OTHER IMPERVIOUS.

Eye Protection:FACESHIELD OR SPLASH GOGGLES.

Other Protective Equipment:RUBBER APRON, BOOTS, SAFETY SHOWER, EYE WASH.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID CONTACT.

Supplemental Safety and Health

ADDRESS A

ND TELEPHONE NUMBER OF COMPANY ARE UNKNOWN. DGSC-SSH GENERATED HMIS RECORD.

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

HCC:C1

Spec Gravity:1.281

pH: