

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%

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

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

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

First Aid:EYE: FLUSH WITH WATER 15 MIN. SKIN: REMOVE CONTAMINATED
CLOTHING. WASH ARE
A WITH SOAP AND WATER. LAUNDER 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.

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

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.

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

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

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

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

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

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 AND TELEPHONE NUMBER OF COMPANY ARE UNKNOWN. DGSC-SSH GENERATED

HMIS RECORD.

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

HCC:C1
Spec Gravity:1.281
pH: