

ANACHEMIA -- SULFURIC ACID SOLUTIONS -- 6810-01-347-9118

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

Product ID:SULFURIC ACID SOLUTIONS

MSDS Date:09/21/1989

FSC:6810

NIIN:01-347-9118

MSDS Number: BPPJM

=== Responsible Party ===

Company Name:ANACHEMIA

Address:3 LINCOLN BLVD

City:ROUSES POINT

State:NY

ZIP:12979

Country:US

Info Phone Num:518-297-4444

Emergency Phone Num:518-297-4444;800-424-9300(CHEMTREC)

Pr

Preparer's Name:A. SEYMOUR

CAGE:HO801

=== Contractor Identification ===

Company Name:ANACHEMIA

Address:3 LINCOLN BLVD

Box:City:ROUSES POINT

State:NY

ZIP:12979

Country:US

Phone:518-297-4444

CAGE:HO801

Company Name:ANACHEMIA CHEMICALS INC

Address:3 LINCOLN BLVD

Box:City:ROUSES POINT

State:NY

ZIP:12979

Country:US

Phone:518-297-4444

CAGE:4A444

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 0.3

-40%
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3;3 STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

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

LD50 LC50 Mixture:LD50: (ORAL,RAT) 2140 MG/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CORROSIVE, OXIDIZING AND
SULFONATING PROPERTIES ON CONTACT. EYES
: VAPORS ARE IRRITATING AND
CORROSIVE. CAUSES SEVERE BURNS. MAY CAUSE PERMANENT DAMAGE. CHRONIC
EFFECTS. SKIN: CAUSES SEVERE BURN S. DEFAT DERM WITH PRLNGD USE.
DESTRUCTIVE TO TISS. SYMP SIMILAR TO THERM BURNS. PAINT SHOCK,
COLLAPSE (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ: W/EXPOS OVER LRG AREAS. INHAL:INHAL
OF VAPS CAUSES SEV IRRIT/BURNS OF RESP SYS, PULM EDEMA/LUNG INFLAM.
RPTD/PRLNGD CONT MAY LEAD TO CHRONIC BRONC
H. INGEST: BURNS IN
MOUTH, PHARYNX AND GI TR ACT. NAUS, VOMIT. MAY HAVE ADVERSE EFTSON
KIDNEY FUNCT. MAY CAUSE DEATH.CORR TO BODY TISS. EROSION OF TEETH.
LUNG DMG.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: WASH WITH COPIOUS QTYS OF WATER FOR AT LEAST 15
MINUTES. CALL PHYS. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAM
CLTHG. CALL PHYS. INHALATION: REMOVE PATIENT TO
FRESH AIR. ADMIN
APPROVED OXYGEN SUPPLY IF BREATHING IS DFCLT. ADMIN ARTF RESP OR
CPR IF BREATHING HAS CEASED. CALL PHYS. INGEST: KEEP PATIENT WARM &
QUIET. GIVE LRG QTY OF H*2O TO DILUTE. DO NOT INDUCE VOMITING. CALL
PHYSICIAN.

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

Extinguishing Media:CARBON DIOXIDE. DRY CHEMICAL POWDER. DO NOT USE
WATER.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA
AND FULL PROTECTIVE EQUIPMEN

T . WEAR ADEQUATE PERSONAL PROT TO
PREVENT CONT WITH MATL OR ITS COMBUST PRODS.
Unusual Fire/Explosion Hazard:NOT FLAMMABLE BUT HIGHLY REACTIVE AND
CAPABLE OF IGNITING FINELY DIVIDED COMBUSTIBLE MATLS ON CONTACT.
REACTS VIOLENTLY W/H*2O AND ORGANICS W/EVOLUTION OF HEAT.

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

Spill Release Procedures:COVER WITH SODA ASH OR LIME. SWEEP UP AND
PLACE IN CONTAINER FOR DISPOSAL. WASH SPILLAGE SITE WITH SOAP AND
WATER.

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND
HEAVY RUBBER GLOVES.

Neutralizing Agent:SODA ASH OR LIME.

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

Handling and Storage Precautions:DO NOT STORE IN DIRECT SUNLIGHT. DO
NOT STORE NEAR ORGANIC SUBSTANCES. PRODUCT IS HIGHLY HYGROSCOPIC.
KEEP TIGHTLY CLOSED.

Other Precautions:EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUES. DO
NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WASH WELL AFTER USE. IN
A

CCORDANCE WITH GOOD STORAGE AND HANDLING PRACTICES.

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

Respiratory Protection:IF VENTILATION IS INADEQUATE TO MAINTAIN
VAPOR/DUST BELOW TLV WEAR NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE
RESPIRATOR.

Ventilation:USE ADEQUATE VENTILATION.

Protective Gloves:NEOPRENE OR POLYETHYLENE GLOVES.

Eye Protection:CHEM WRKRS GOGG & FULL LGTH FSHLD

Other Protective Equipment:MAKE EYE BATH AND EMERGENCY SHOWER
AVAILABLE. APRON OR CLOT

HING TO PROTECT SKIN.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH: STRONGLY ACIDIC. MATLS TO AVOID: METAL, WATER, STRONG REDUCING
AGENTS, STRONG BASES, CARBONATES, SULFIDES, CYANIDES, STRONG
OXIDIZERS.

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

HCC:C1

pH:SUPDAT

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS TO LIGHT YELLOW ODORLESS LIQUID.

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

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Stability Indicator/Materials to Avoid: YES

ORG MATLS, CARBIDES, CHLORATES, FULMINATES, NITRATES, PICRATES, POWDERED METALS & OTHER COMBUST. ATTACKS MANY (SUPDAT)

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: HYDROGEN IS GENERATED BY ACTION OF ACID ON MOST METALS. SULFUR OXIDES.

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

Waste Disposal Methods: ACCORD TO ALL APPLIC REGS. CAUTIOUSLY ADD TO LRG STIRRED

EXCESS OF WATER. ADJUST PH TO NEUT, SEPARATE ANY INSOLUBLE SOLIDS/LIQS AND PACKAGE FOR HAZ WASTE DISP. FLUSH AQUEOUS SOLN DOWN DRAIN W/PLENTY OF H₂O. DISP OF I/A/W FED, ST & LOC REGS .

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