

CHEMICAL COMMODITIES AGENCY -- SULFURIC ACID,OIL OF VITRIOL -- 6810-00-975-0707

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

Product ID:SULFURIC ACID,OIL OF VITRIOL

MSDS Date:01/01/1985

FSC:6810

NIIN:00-975-0707

MSDS Number: BGBGB

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES AGENCY

Address:27447 PACIFIC STREET

City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Info Phone Num:714-864-2310

Emerge

ncy Phone Num:714-864-2310

CAGE:00063

=== Contractor Identification ===

Company Name:AKZO NOBEL CHEMICALS INC

Address:300 S. RIVERSIDE PLAZA

Box:City:CHICAGO

State:IL

ZIP:60606-6613

Country:US

Phone:312-906-7500 TECH: 800-828-792

CAGE:97854

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:CHEMICAL COMMODITIES(DIST),KEYSTONE-INGHAM(MFR).

Box:1087R

Phone:213-926-4461

CAGE:0006

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Composition/Information on Ingredients  
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Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 98.0%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Effects of Overexposure:INGESTION: MAY CAUSE SEVERE INJURY OR DEATH.

EYES: DAMAGE BY BURNS. SKIN: BURNS, IRRITATION OF RESPIRATORY TRACT.

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First Aid Measures  
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First Aid:CALL A DOCTOR IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING.

IMMEDIATELY GIVE LARGE QUANTITIES OF WATER OR MILK, IF AVAILABLE.

EYES: FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15

MINUTES. SKIN: FLUSH WITH WATER FOR AT LEAST 15MINUTES.

INHALATION: REMOVE TO FRESH AIR.

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Fire Fighting Measures  
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Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM, CARBON DIOXIDE, HALOGENATED EXTINGUISHING AGENTS

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS, AND IMPERVIOUS CLOTHING. EVACUATE AREA.

Unusual Fire/Explosion Hazard:IGNITION BY CONTACT WITH COMBUSTIBLE LIQUIDS AND SOLIDS. HYDROGEN MAY BE GENERATED BY THE ACTION OF SULFURIC ACID WITH METALS.

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Accidental Release Measures  
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Spill Release Procedures:AL

L FOOD KEPT IN SEPARATE AREA,AWAY FROM  
WORKING LOCATION.USE NIOSH-APPROVED FULL FACE PIECE CART.AIR  
PURIFYING RESPIRATOR.WEAR SUITABLE PROTECTIVE CLOTHING.USE WATER TO  
FLUSH DOWN AREA. SODA ASH OR L IME SHOULD BE USED TO NEUTRALIZE  
ACIDITY ON GROUND

Neutralizing Agent:SODA ASH, LIME

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE AND  
PREVENT CONTACTS WITH WATER. SEPARATE FROM CARBIDES, CHLO  
RATES,  
FULMINATES, NITRATES, PICRATES, POWDERED METALS.

Other Precautions:SEPARATE FROM COMBUSTIBLES. WEAR RUBBER GLOVES,  
CHEMICAL GOGGLES, RUBBER BOOTS, AND A CHEMICAL CARTRIDGE  
RESPIRATOR. SAFETY SHOWERS AND EYE WASH FOUNTAINS SHOULD BE READILY  
ACCESSIBLE.

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

Respiratory Protection:FULL FACE, SELF-CONTAINED BREATHING APPARATUS

Ventilation:MECHANICAL IS PREFERRED

Protective Gloves:RUBBER

Eye Protection:SAFETY GOG

GLES

Other Protective Equipment:HOODS, SUITS, RUBBER BOOTS

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:C1

Spec Gravity:1.8347

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS, CLEAR TO HAZY, ODORLESS, OILY-LOOKING  
LIQUID.

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

Stability Indicator/Materials to Avoid:YES

POWDERED METALS, ORGANIC MATERIAL

S, CARBIDES, CHLORATES, FULMINATES,  
NITRATES, PICRATES

Stability Condition to Avoid:HIGH HEAT, MOISTURE

Hazardous Decomposition Products:HYDROGEN, SULFUR DIOXIDE, SULFUR  
TRIOXIDE, HYDROGEN SULFIDE

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

Waste Disposal Methods:SULFURIC ACID THAT CANNOT BE USED OR CHEMICALLY  
REPROCESSED SHOULD BE DISPOSED OF IN AN APPROVED LANDFILL-IN SUCH A  
MANNER THAT IT WILL NOT ADVERSELY AFFECT THE ENVIRONMENT.

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