

=====  
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

Emergency Phone Num:714-864-2310

CAGE:00063

=== Contractor Identificat

ion ===

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:00063

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

=====

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

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

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.

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

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.

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

Extinguishing Media:WATER SPRAY, DRY CHEM

ICAL, 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.

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

Spill Release Procedures:ALL 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 LIME 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, CHLORATES,  
FULMINATES, NITRATES, PICRATES, POWDERED METALS.

Othe

r 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 GOGGLES

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 MATERIALS, CARBIDES, CHLORATES, FULMINATES,  
NITRATES, PICRATES

Stabi

lity 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.

Disclaimer (provided with this information by the compiling agencies):

This infor

mation is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.