

HILL BROS CHEMICAL CO -- SULFURIC ACID -- 6810-00-614-9691

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

Product ID:SULFURIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-614-9691

MSDS Number: BFHVT

=== Responsible Party ===

Company Name:HILL BROS CHEMICAL CO

Address:1675 N MAIN ST

City:ORANGE

State:CA

ZIP:92667

Country:US

Info Phone Num:714-864-2310

Emergency Phone Num:714-864-2310

CAGE:0EXY4

=== Contractor Identification ===

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:HILL BROS CHEMICAL CO

Address:1675 N MAIN ST

Box:City:ORANGE

State:CA

ZIP:92667

Country:US

Phone:714-998-8800

CAGE:0EXY4

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 50.0%

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:CONJUNCTIVITIS, CORNEAL NECROSIS, DERMATITIS,
SKIN BURNS, ULCERATION, IRRITATION OF NOSE AND THROAT, EDEMA.

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

First Aid:SKIN: FLUSH WITH PLENTY OF WATER. REMOVE CONTAMINATED
CLOTHING. FOR SHOCK KEEP PATIENT WARM AND ON BACK. EYE
S: FLUSH WITH
WATER FOR AT LEAST 15 MINUTES. HOLD EYE LIDS OPEN. DO NOT USE HOT
WATER. INGES TION: DO NOT INDUCE VOMITING. CALL A DOCTOR
IMMEDIATELY. IF CONSCIOUS GIVE PLENTY OF WATER WITH EGG WHITES.

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

Spill Release Procedures:IMPORTANT THAT AREA BE VENTILATED WHILE DOING
THE FOLLOWING: NEUTRALIZE BY COVERING WITH SODIUM CARBONATE OR AN
EQUAL MIXTURE OF SODA ASH AND SLAKED LIME. AFTER MIXING ADD WATER,
I
F NECESSARY TO FORM A SLURRY.
Neutralizing Agent:SODIUM CARBONATE, OR A MIXTURE OF SODA ASH AND
SLAKED LIME.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE.
PREVENT CONTACT WITH WATER. SEPARATE FROM CARBIDES, CHLORATES,
FULMINATES, NITRATES, PICRATES, POWDERED METALS.
Other Precautions:SEPARATE FROM COMBUSTIBLES. STORE IN A COOL, DRY
AREA. WEAR RUBBER GLOVES, CHEMICAL GOGGLES, RUBBER BOOTS, A
ND A
CHEMICAL CARTRIDGE RESPIRATOR.

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

Respiratory Protection:CHEMICAL CARTRIDGE RESPIRATOR.
Ventilation:MECHANICAL IS PREFERRED.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL GOGGLES
Other Protective Equipment:RUBBER BOOTS
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health

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

HCC:C1
Boiling Pt:B.P. Text:5994F,3312C
Spec

Gravity:1.4040
Solubility in Water:APPRECIABLE
Appearance and Odor:COLORLESS LIQUID WITH A SHARP ODOR.
Percent Volatiles by Volume:31.0

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

Stability Indicator/Materials to Avoid:YES
CARBIDES, CHLORATES, FULMINATES, NITRATES, PICRATES, POWDERED METALS.
Stability Condition to Avoid:HIGH HEAT, MOISTURE
Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE,
HYDROGEN GAS

===== Disposal Consideration

S =====

Waste Disposal Methods:ADD SLOWLY TO A LARGE AMOUNT OF SOLUTION OF SODA
ASH AND SLAKED LIME BY STIRRING. DISCHARGE THE SOLUTION INTO AN
APPROVED DISPOSAL AREA.

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