

OIL OF VITRIOL

MSDS Number

BBCFF

National Stock Number

6810-00D000064

Product Name

OIL OF VITRIOL

Manufacturer

TENNESSEE CHEMICAL CO

Product Identification

Product ID: OIL OF VITRIOL

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00D000064

MSDS Number: BBCFF

Responsible Party

TENNESSEE CHEMICAL CO.

3475 LENOX RD, NORTHEAST, SUITE 670

ATLANTA , GA 30326

US

Emergency Phone: 404-233-6811

Info Phone: 404-233-6811

Cage: 3S298

Contractor

TENNESSEE CHEMICAL CO

PITTSBURG, CA 94565-5025

US

Cage: 3S298

Ingredients

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 93 - 98%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

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

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

Effects of Overexposure: BURNS TO SKIN, TISSUE DEHYDRATION. MAY CAUSE

THIRD DEGREE BURNS. INHALATION OF MIST MAY CAUSE BRONCHITIS

HYPEREMIA, EPITHELIAL DEGENERATION OF THE LARYNX, TRACHEA & BRONCHI

W/LARYNGEAL OR BRONCHIAL SPASMS.

First Aid

First Aid:EYES-FLUSH 15 MIN W/WATER,LIFTING EYELIDS; CALL PHYS.
SKIN-WASH W/EXCESS AMTS WATER;REMOVE CONTAM CLOTH UNDER SHOWER;
CALL PHYS. INHAL-REMOVE FROM EXPOS-GET IMMED MED ATTN. INGEST-DO
NOT INDUCE VOMITI NG,DRINK LGE QUANT WATER;GET MED ATTN.

Fire Fighting

Flash Point:NONE
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER FOG
Fire Fighting Procedures:DO NOT ALLOW WATER TO ENTER STORAGE CONTAINERS
- VIOLENT REACTION OCCURS. HYDROGEN GAS MAY ACCUMULATE WHICH IS
FLAMMABLE.
Unusual Fire/Explosion Hazard:EMITS TOXIC SULFUR OXIDE FUMES WHEN
HEATED. MIST VERY CORROSIVE.

Accidental Release

Spill Release Procedures:SPREAD SODA ASH ON SPILL TO NEUTRALIZE.
WASH,W/EXCESS WATER,TO SEWER IF PERMITTED BY DISPOSAL AUTHORITIES.
Neutralizing Agent:SODA ASH

Exposure Controls

Respiratory Protection:POSITIVE PRESSURE, SELF-CONTAINED, APPROVED
BREATHING APPARATUS.
Ventilation:MECHANICAL
Protective Gloves:RUBBER
Eye Protection:SPLASH-PROOF GOGGLES, FACE SHIELD
Other Protective Equipment:RUBBER APRON
Supplemental Safety and Health

Chemical Properties

HCC:C1
Boiling Pt:B.P. Text:529F,276C
Vapor Density:3.38
Spec Gravity:1.8354
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES
CONTACT WITH METAL POWDERS MAY PRODUCE HIGHLY FLAMMABLE HYDROGEN GAS.
Stability Condition to Avoid:DO NOT POUR WATER INTO ACID-ONLY ACID INTO
WATER
Hazardous Decomposition Products:SULFUR DIOXIDE & SULFUR TRIOXIDE
EMITTED WHEN HEATED.

Disposal

Waste Disposal Methods:SMALL SPILL - DILUTE WITH EXCESS WATER TO DRAIN.
LARGE SPILL - NEUTRALIZE WITH SODA ASH, DILUTE WITH WATER, AND
REMOVE TO AUTHORIZED LANDFILL.

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