

OIL OF VITRIOL

MSDS Number

BGBFZ

National Stock Number

6810-00-975-0707

Product Name

OIL OF VITRIOL

Manufacturer

TENNESSEE CHEMICAL CO

Product Identification

Product ID: OIL OF VITRIOL

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00-975-0707

MSDS Number: BGBFZ

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, AND BRONCHI WITH LARYNGEAL OR BRONCHIAL SPASMS.

First Aid

First Aid:EYES: FLUSH FOR AT LEAST 15 MINUTES WITH WATER, LIFTING EYELIDS. CALL A PHYSICIAN. SKIN: WASH WITH EXCESS AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING UNDER SHOWER. CALL A PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION.

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 IS VERY CORROSIVE.

Accidental Release

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

Exposure Controls

Respiratory Protection:POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS
Ventilation:MECHANICAL
Protective Gloves:RUBBER
Eye Protection:SPLASH-PROOF GOGGLES, FACE SHIELD
Other Protective Equipment:RUBBER APRON
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
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
METAL POWDERS
Stability Condition to Avoid:HIGH HEAT, MOISTURE
Hazardous Decomposition Products:SULFUR DIOXIDE, SULFUR TRIOXIDE, HYDROGEN SULFIDE, HYDROGEN GAS

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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