

## VENUS LABORATORIES INC -- TEMPERED SULFURIC ACID DRAIN OPENER -- 6850-01-080-9443

## ===== Product Identification =====

Product ID:TEMPERED SULFURIC ACID DRAIN OPENER

MSDS Date:02/15/1991

FSC:6850

NIIN:01-080-9443

MSDS Number: BXYXF

=== Responsible Party ===

Company Name:VENUS LABORATORIES INC

Address:15571 COMMERCE LN

City:HUNTINGTON BEACH

State:CA

ZIP:92649

Country:US

Info Phone Num:800-841-3100

Emergency Phone Num:800-841-3100

CAGE:ON140

=== Contractor Identification ===

Company Name:VENUS LABORATORIES INC

Address:15571 COMMERCE LANE

Box:City:HUNTINGTON BEACH

State:CA

ZIP:92649

Country:US

Phone:714-881-3100

CAGE:ON140

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 86%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3;3 STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

## ===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: EYES & SKIN-SEVERE BURNS.

BREATHING-CAN CAUSE DAMAGE TO NASAL & RESPIRATORY PASSAGES.

SWALLOWING-SEVERE DAMAGE TO MUCOUS MEMBRANES. CHRONIC: NONE KNOWN.

Effects of Overexposure:CAN CAUSE SEVERE BURNS TO SKIN, IRRITANT TO

NOSE, THROAT & EYES.

Medical Cond Aggravated by Exposure:COULD AGGRAVATE SKIN DISORDERS.

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

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MINUTES. GET PROMPT

MEDICAL ATTENTION. SKIN: FLUSH W/WATER, GET MEDICAL ATTENTION.

INGEST: SEEK MEDICAL ATTENTION IMMEDIATELY. INHAL: REMOVE TO FRESH AIR.

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

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:FIREMEN SHOULD USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:ACID ITSELF IS NON-FLAMMABLE, BUT MAY CAUSE IGNITION OF COMBUSTIBLE MATERIALS. HIGHLY FLAMMABLE HYDROGEN GAS IS GENERATED BY ACTION OF ACID ON MOST METALS.

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

Spill Release Procedures:USE 10% SODA ASH W/SAND TO SLURRY SPILLAGE, MIX & ADD WATER CONTINUOUSLY, SCOOP UP & WASH DOWN DRAIN W/EXCESS WATER.

Neutralizing Agent:SODA ASH.

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA. AVOID EXCESSIVE HEAT & BELOW FREEZING TEMPERATURES.

Other Precautions:KEEP OUT OF THE REACH OF CHILDREN, DO NOT COMBINE WITH ALKALINE DRAIN CLEANERS.

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

Respiratory Protection:IN INADEQUATELY VENTILATED AREAS, USE NIOSH/MSHA APPROVED SCBA.

Ventilation:LOCAL EXHAUST - IF GENERAL IS INADEQUATE. MECHANICAL (GENERAL) - NORMAL VENTILATION.

Protective Gloves:RUBBER OR PVC GLOVES.

Eye Protection:FACE SHIELD OR SAFETY GLASSES.

Other Protective Equipment:PLASTIC COVERING FOR CLOTHING & SHOES.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE. WASH HANDS BEFORE EATING, AVOID INHALATION OR INGESTION.

Supplemental Safety and Health  
NONE

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

HCC:C1

Boiling Pt:B.P. Text:440F,227C

Spec Gravity:1.775 (H2O=1)

Solubility in Water:COMPLETE

Appearance and Odor:DARK AMBER LIQUID W/VERY SLIGHT ACID ODOR.

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

Stability Indicator/Materials to Avoid:YES

ALKALI.

Stability Condition to Avoid:CONTACT W/CAUSTIC OR WATER.

Hazardous Decomposition Products:ACID VAPORS, SULFUR DIOXIDE.

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

Waste Disposal Methods:IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATION.

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