

Material Safety Data Sheet

May be used to Comply with
OSHA's Hazard Communication Standard 29 CFR 1910.
Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

Identity (As Used On Label and List)

115	Tempered Drain Opener	NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I—Manufacturer's Name

(Address, Street, City, State, & Zip Code)

HAZARD RATING

Venus Laboratories Inc.
855 Lively Blvd.
Wood Dale, IL 60191

Emergency Telephone Number

Chemtrec 1-800-424-9300

Telephone Number for Information
(630) 595-1900

Date Prepared

Revised: 9/19/05

HEALTH	3	0 - Minimal
FLAMMABILITY	0	1 - Slight
REACTIVITY	3	2 - Moderate
		3 - Serious
		4 - Extreme

Protective Equipment:

Goggles, Gloves, Synthetic Apron

Section II—Hazardous Ingredients / Identity Information

Hazardous Components (Specify Chemical Identity, Common Names)

Sulfuric Acid CAS #7664-93-9

OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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1Mg/M3

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None

86.0

Subject to the reporting requirements of Sec.313 of SARA Title IIII of
40 CFR 372.

Section III—Physical Chemical Characteristics

Boiling Point	440°F	Specific Gravity (WATER =1)	1.775
Vapor Pressure	N/D	Melting Point	N/A
Vapor Density	N/D	Evaporation Rate	N/D

Solubility in Water	Complete
Appearance and Odor	Dark amber liquid, which may have a very slight acid odor.

Section IV—Fire and Explosion Hazard Data

Flash Point	Flammable Limits	LEL	UEL
None	N/A	N/A	N/A

Extinguishing Media
Dry chemical or carbon dioxide

Special Fire Fighting Procedures
Firemen should use self-contained breathing apparatus

Unusual Fire and Explosion Hazards

Acid itself is non-flammable, but may cause ignition of combustible materials. Reacts with water to produce heat. Highly flammable hydrogen gas may be generated by the action of the acid on many metals.

Section V—Reactivity Data

Stability	Unstable	Conditions to Avoid Contact with any caustic material or water	
	Stable X		
Incompatibility (Materials to Avoid)	Alkali or caustic materials		
Hazardous Decomposition or Byproducts	Potentially hazardous or fatal toxic gases and vapors may be produced.		
Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Health Hazards (Acute and Chronic)						
Acute: Eyes and skin-severe burns Breathing-can cause damage to nasal and respiratory passages. Severe overexposure to fumes while using or handling may be fatal or cause delayed lung injury. Swallowing-severe damage to mucous membranes						
Chronic: None known.						

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure	Can cause severe burns to skin, irritant to nose, throat and eyes		
Medical Conditions Generally Aggravated	Could aggravate skin disorders		
Emergency and First Aid Procedures	Eyes: flush with water for 15 min. get prompt medical attention. External: Flush with water, get medical attention. Ingestion- seek medical attention immediately. Inhalation- remove to fresh air.		

Section VII—Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	Use 10% soda ash with sand to slurry spillage, mix & add water continuously, scoop up & wash down drain with excess water.
Waste Disposal	In accordance with local, state and federal regulation
Precautions to be Taken in Handling and Storage	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. Do not inhale fumes.

Section VIII—Control Measures

Respiratory Protection (Specify Type)	When handling bulk quantities and in inadequately ventilated areas, use NIOSH/MSHA approved self-contained breathing apparatus.		
Ventilation	Local Exhaust	If general is inadequate	Special None
	Mechanical (General)	Normal ventilation	Other None
Protective Gloves	Rubber or PVC	Eye Protection	Face shield or safety glasses
Other Protective Clothing or Equipment	Plastic covering for clothing and shoes	Work / Hygienic Practices	Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.