

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)

226 (6299)

Mighty

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.

Section I—Manufacturer's Name

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

HAZARD RATING

Venus Laboratories, Inc.
Midwestern Division
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: 8/2/01

HEALTH

2

0 - Minimal

FLAMMABILITY

0

1 - Slight

REACTIVITY

1

2 - Moderate

3 - Serious

4 - Extreme

Protective Equipment:

Goggles, Gloves

Section II—Hazardous Ingredients / Identity Information

Hazardous Components (Specify Chemical Identity, Common Names)

OSHA PEL

ACGIH TLV

Other Limits

Recommended

% (optional)

Sodium Metasilicate CAS #6834-92-0

15 mg/M3

10 mg/M3

N/A

Sodium Hydroxide CAS#1310-73-2

2 mg/M3

2 mg/M3

N/A

(Caustic Soda)

2-Butoxyethanol, (Butyl Cellosolve) CAS #111-76-2

50 ppm

25 ppm

N/A

6-8%

subject to reporting requirements of Sec. 313 of SARA Title III of 40 CFR 372

Methanol CAS #67-5-61

200 ppm

200 ppm

N/A

2-5%

subject to reporting requirements of Sec. 313 of SARA Title III of 40 CFR 372

Section III—Physical Chemical Characteristics

Boiling Point

212°F

Specific Gravity (WATER =1)

1.06

Vapor Pressure

N/D

Melting Point

N/A

Vapor Density

N/D

Evaporation Rate

N/D

Solubility in Water

Infinite

Appearance and Odor

clear violet liquid with characteristic odor.

Section IV—Fire and Explosion Hazard Data

Flash Point

>200°F

Flammable Limits

None

LEL

None

UEL

None

Extinguishing Media

Water, Carbon Dioxide, Foam, or Dry Chemical

Special Fire Fighting Procedures

Full protective clothing and self-contained breathing apparatus are suggested

Unusual Fire and Explosion Hazards

None

Section V—Reactivity Data

Stability	Unstable	Conditions to Avoid		
		None		
	Stable			
	X			
Incompatibility (Materials to Avoid)	Avoid contact with strong oxidizing agents			
Hazardous Decomposition or Byproducts	Burning can produce carbon monoxide and/or carbon dioxide			
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
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Health Hazards (Acute and Chronic)

Acute-can cause skin and eye irritation, may cause headache, nausea, vomiting and dizziness.
 Chronic-None known.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure	Eyes and skin irritation, headache, nausea, vomiting and dizziness.
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Medical Conditions Generally Aggravated	None known.
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Emergency and First Aid Procedures	Eyes-wash thoroughly with water. If irritation persists, get medical attention.
	Skin-flush with water, if irritation persists, get medical attention.
	Ingestion-giet medical attention.
	Inhalation-remove to fresh air; if breathing stops, give artificial respiration.

Section VII—Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	Absorb with inert absorbent and transfer to containers for disposal.
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Waste Disposal	Dispose of according to Federal, State and local regulations.
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Precautions to be Taken in Handling and Storage	Keep away from heat and open flame. Keep container closed, use with adequate ventilation, and avoid breathing vapor.
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Other Precautions	Keep out of reach of children
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Section VIII—Control Measures

Respiratory Protection (Specify Type)	None required under normal use conditions.
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Ventilation	Local Exhaust	Only if mechanical is inadequate.	Special	None
	Mechanical (General)	Satisfactory	Other	None

Protective Gloves	Neoprene or Rubber	Eye Protection	Face shield or goggles
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Other Protective Clothing or Equipment	Eye bath and safety shower	Work / Hygienic Practices	Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.
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