

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements

U.S. Department of Labor

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

IDENTITY

SAFE STEP (260270)

*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

Manufactured For

Beaver Research Company

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS Ratings:

4=Severe 1=Slight
 3=Serious 0=Minimal
 2=Hazardous

Health: 2
 Flammability: 0
 Reactivity: 1
 PPE: 2

Date Prepared

01/03/2000

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity InformationHazardous Components (Specific Chemical Identity;
Common Name(s))

CAS No.

Wt. %

Hydroxyacetic acid

79-14-1

4

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the
 Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR Part 372:

None

Section III - Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H₂O = 1)

1.13

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Vapor Density (AIR = 1)

N/A

Evaporation Rate
(= 1)

N/A

Solubility in Water

Complete

pH

1.50 (2% soln)

Appearance and Odor

Pale amber liquid with bland odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

N/A (will not burn)

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

N/A

Special Fire Fighting Procedures

N/A

Unusual Fire and Explosion Hazards

Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

Section V - Reactivity Data

Stability

Unstable

Stable

Conditions to
Avoid

Contact with bleach or strong alkalis.

X

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

N/A

Hazardous

May Occur

Polymerization

Will Not Occur

Conditions to
Avoid

None known.

X

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	Yes

Health Hazards (Acute and Chronic)

Acute: Yes**Skin & Eyes:** Contact with the skin can cause burns. Upon contact with the skin there may not be an immediate burning sensation. Burns the eyes on contact.**Ingestion:** Large doses will cause damage to the mouth, throat, esophagus, and stomach.**Inhalation:** Not considered a hazard.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Skin: Remove contaminated clothing-wash skin with large volumes of water for at least 15 minutes. If irritation persists, get medical attention. **Eyes:** Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get immediate medical attention. **Ingestion:** Give large volumes of water. DO NOT INDUCE VOMITING. Get medical attention. **Inhalation:** N/A.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Flood area with water-mop up dispose to sanitary sewer. Product may be neutralized with baking soda. Abide by Federal, State and Local regulations.

Waste Disposal Method

N/A

Precautions to be Taken in Handling and Storage

Store containers tightly closed and in an upright position. Do not destroy or deface the label.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required.

Ventilation	Local Exhaust	Adequate	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

Rubber gloves.

Eye Protection

Goggles.

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

N/A

NA=Not Applicable, NE=Not Established, ND=Not Determined for this product

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