

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

TURN TO2 (250000)

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

1-800-544-0133

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

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS RATINGS:

Health: 0 (Minimal)
Flammability: 0 (Minimal)
Reactivity: 1 (Slight)
Protection: B (Goggles and gloves)

Date Prepared

06/25/03

Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

CAS No.

TLV

Carcinogen (OSHA, TP, IARC)

% (optional)

Hydrogen Peroxide

7722-84-1

No

<4

d-Limonene

5989-27-5

No

1-5

Section III – Physical/Chemical Characteristics

Boiling Point

210°F

Specific Gravity (H₂O = 1)

1.00

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Viscosity, Cp @ 25°C

A-5 Gardner

Evaporation Rate (Water = 1)

N/A

Solubility in Water

Complete

pH

3.0-3.5

Appearance and Odor

Clear liquid with orange odor.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)

>160°F CI Cp. EST.

Flammable Limits

LEL

7

UEL

1

Extinguishing Media

Water fog, CO₂, halon system, foam for alcohols.

Special Fire Fighting Procedures

Treat as a combustible liquid fire. May be ignited by heat, sparks, flame or other sources of ignition. Minimize prolonged skin and eye contact. Wear breathing, skin and eye protection if exposure is likely.

Unusual Fire and Explosion Hazards

N/A

Section V – Reactivity Data

Stability

Unstable

Stable

X

Conditions to Avoid

N/A

Incompatibility (Materials to Avoid)

Oxidizing agents.

Hazardous Decomposition or Byproducts

If in a fire: CO, CO₂, hydrocarbons.

Hazardous Polymerization

May Occur

Will Not Occur

X

Conditions to Avoid

N/A

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin? Yes	Ingestion? No
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Health Hazards (Acute and Chronic)

Inhalation: Breathing of mists or vapor causes irritation.**Skin:** Extended contact may cause irritation and defatting.**Eyes:** May cause irritation from misting.**Ingestion:** May cause mild gastric disturbances or nausea. Avoid swallowing.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Inhalation: Remove to fresh air. Give artificial respiration or oxygen if needed.**Skin:** Flush skin thoroughly with water for 15 minutes. Remove contaminated clothing and wash before wearing again.**Eyes:** Flush with water for 15 minutes. If irritation persists consult a doctor.**Ingestion:** Drink lots of water or milk. Do not induce vomiting. If irritation persists get medical attention.**Section VII – Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Do not drain to sewer without dilution. Larger spills should be contained by diking or other methods and held for disposal or reuse.

Waste Disposal Method

May be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility for handling and disposal. Observe label precautions.

Precautions to be Taken in Handling and Storage

Keep away from heat, sparks and open flames. Check daily for any container leaks.

Other Precautions

N/A

Section VIII – Control Measures

Respiratory Protection (Specify Type)

Wear approved organic mist respirator if necessary.

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

Protective Gloves

Protective gloves.

Eye Protection

N/A

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

N/A

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