

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

BAKE OFF (240050)

*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

**Proper Shipping Name: Corrosive Liquids, N.O.S.8, UN1760, PG III
(Contains: Caustic Potash)**

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:

0-Minimal 3-Serious

1-Slight 4-Extreme

2-Moderate

Health: 3

Fire: 0

Reactivity: 1

Personal Protection: X

Date Prepared

2/02

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

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

CAS No.

PEL

TWA
TLV

STEL
TLV

Carcin-
ogen

WT %

2-Butoxyethanol

111-76-2

25ppm

25ppm

No info

No

<10

Potassium Hydroxide

1310-58-3

No Info

2mg/m³

No info

No

<15

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 CFR 372:

2-Butoxyethanol CAS #111-76-2 Percent by Weight: 5.1

Section III - Physical/Chemical Characteristics

Boiling Point (°F)

212-431°

Specific Gravity

1.06-1.09

Vapor Pressure (mmHg)

20mm/Hg @ 70°F

% Volatile

> 65

Vapor Density

Heavier than air

Evaporation Rate

Slower than Ether

Solubility in Water

pH

13.0-14.0

Complete

Total VOC

Appearance and Odor

Thick Amber Liquid

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

>200°F

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

Water Fog, CO2, Dry Chemical

Special Fire Fighting Procedures

SCBA, Protective Clothing

Unusual Fire and Explosion Hazards

Extinguish all ignition sources. Flammable Hydrogen Gas may be liberate.

Section V - Reactivity Data

Stability

Unstable

Conditions to Avoid

N/A

Stable

X

Incompatibility (Materials to Avoid)

Active Metals, strong acids.

Hazardous Decomposition or Byproducts

Carbon Monoxide, Carbon Dioxide

Hazardous

May Occur

Conditions to Avoid

N/A

Polymerization

Will Not Occur

X

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Eyes: Destructive - Exposure may cause burns, eye injury and blindness.**Skin:** Destructive - Overexposure may produce burns.**Inhalation:** Excessive inhalation may damage respiratory tract. Possible nausea, dizziness, and difficulty breathing.**Ingestion:** Extremely corrosive, large quantities could cause severe pain, nausea, death.

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

Eyes: Flush with water 15 minutes. Seek immediate medical attention.**Skin:** Flush with water 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persists.**Inhalation:** Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.**Ingestion:** Do not induce vomiting. If conscious, give large quantity of water or milk. Get medical attention.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Wear appropriate protective and respiratory equipment. Prevent spills from entering sewers or any unauthorized water systems.

Waste Disposal Method

Dispose in accordance with appropriate Federal, State and Local regulations.

Precautions to be Taken in Handling and Storage

Keep out of reach of children. Keep container tightly closed when not in use. For Trained Industrial and Institutional Personnel Only.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

NIOSH/OSHA approved respirators for materials in section 2 when ventilation is restricted.

Ventilation	Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.
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Protective Gloves

Chemical resistant gloves.

Eye Protection

Safety glasses or goggles.

Other Protective Clothing or Equipment

Wear boots and impervious clothing.

Work/Hygienic Practices

N/A