

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

BEA-FREE (130050)

*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

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

3700 E. Kilgore Road, Portage, MI 49002

HMIS Hazard Rating: 0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme

Health -1

Flammability -0

Reactivity -0 Personal Protection -0

Emergency Telephone Number

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

Telephone Number For Information

269-382-0133

Date Prepared

06/27/03

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

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

CAS No.

ACGIH
TLV

%
(optional)

Dipropylene Glycol Monomethyl Ether

34590-94-8

100ppm

Alkyl Dimethyl Benzyl Ammonium Chloride

139-07-1

Not Est.

SARA HAZARD: Title III, Section 313: Contains no Section 313 listed substances subject to reporting.

Section III - Physical/Chemical Characteristics

Boiling Point

212°F

Specific Gravity (H₂O = 1)

1.010
±0.5

Vapor Pressure (mm Hg)

Not determined

Melting Point

N/A

Vapor Density (AIR = 1)

Not determined

Evaporation Rate
(Butyl Acetate = 1)

About the
same

Solubility in Water

Complete

pH

N/A

Total VOC: 2.2%

Appearance and Odor

Clear, blue liquid with pleasant odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

(T.C.C.) °F None to boiling

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

Product is non-combustible. Water Spray (Fog), Dry Chemical; CO₂, or Foam may be used where product is stored.

Special Fire Fighting Procedures

Do not enter confined fire-spaces without protective clothing and self-contained air supply.

Unusual Fire and Explosion Hazards

None.

Section V - Reactivity Data

Stability

Unstable

Stable

X

Conditions to Avoid

N/A

Incompatibility (Materials to Avoid)

Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).

Hazardous Decomposition or Byproducts

Burning may produce carbon monoxide, carbon dioxide and unidentified organic compounds.

Hazardous

May Occur

Polymerization

Will Not Occur

X

Conditions to Avoid

N/A

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. May cause skin irritation with some individuals. Ingestion may cause nausea, abdominal discomfort and diarrhea.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None	N/A	N/A	N/A

Signs and Symptoms of Exposure

None currently known.

Medical Conditions Generally Aggravated by Exposure

An existing dermatitis.

Emergency and First Aid Procedure

Eyes: Flush with water for at least 15 minutes and call a physician.**Skin:** Wash with large amounts of soap and water. If irritation persists, consult a physician.**Ingestion:** Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.**Inhalation:** Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with material and reclaim into sound containers for proper disposal.

Waste Disposal Method

Dispose of in an approved waste facility according to Federal, State, and local regulations. See label for specifics.

Precautions to be Taken in Handling and Storage

Observe all label directions as to storage and disposal.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Not required under normal use conditions. Avoid misting conditions.

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

Protective Gloves

Rubber/PVC

Eye Protection

Safety glasses/goggles.

Other Protective Clothing or Equipment

Work clothing covering arms and legs as required to minimize contact.

Work/Hygienic Practices

N/A

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.