

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

GERM-BEA-GONE (200135)

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:	Health: 2 (Moderate)	Date Prepared 06/27/03
	Flammability: 0 (Least)	Signature of Preparer (optional)
Reactivity: 0 (Least)		
Personal Protection: X		

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	TLV (Source)	Other Limits Recommended	% (optional)
Alkyl Dimethyl Benzyl Ammonium Chloride	8001-54-5	--	Not est.		1.54%
Didecyl Dimethyl Ammonium Chloride	7173-51-5	--	Not est.		2.31%
Tetrasodium E.D.T.A	64-02-8	--	Not est.		5-10%

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 (H ₂ O = 1)	0.996 ± 0.005
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	7.0 ± 0.5	
	Total VOC	1.0%	

Appearance and Odor

Clear liquid with characteristic odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None to boiling. (T.C.C.)	Flammable Limits N/A	LEL N/A	UEL N/A
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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	Conditions to Avoid N/A
	Stable	

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 organix compounds.

Hazardous Polymerization	May Occur	Conditions to Avoid N/A
	Will Not Occur	

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Acute: 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.

Chronic: None currently known.

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

Signs and Symptoms of Exposure

See above "Health Hazards".

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: Promptly drink a large quantity of milk, egg whites or gelatin. 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

Safety stop spill at source. contain spill by diking with soil or other inert material. Mop, pump or absorb with inert 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

Follow all label directions as to storage and disposal. Wash thoroughly after handling.

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

Protective clothing as appropriate 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.