

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

ENZYTAB GREEN APPLE (230110)

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

Manufacturer's Name

Beaver Research Company

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

3700 E. Kilgore Road, Portage, MI 49002

Hazard Rating: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme

HEALTH - 0

FLAMMABILITY - 0

REACTIVITY - 0

Emergency Telephone Number

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

Telephone Number For Information

1-800-544-0133

Date Prepared

02/02/99

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Phosphoric Acid (7664-38-2)	1Mg/M3	1Mg/M3	N/A	5.3%
Didecyl Dimethyl Ammonium Chloride (7173-51-5)	Not est.	Not est.	N/A	
POE (100) Nonylphenol (9016-45-9)	Not est.	Not est.	N/A	

Subject to reporting requirements of SEC. 313 of SARA Title III of 40 CFR 372

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H2O = 1)	N/A
Vapor Pressure (mm Hg)	Practically None	Melting Point	53°C
Vapor Density (AIR = 1)	No Data	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

Complete

Appearance and Odor

Green solid with green apple aroma.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None	None	None	None

Extinguishing Media

Use water fog, foam, CO2, or dry chemical extinguishing media

Special Fire Fighting Procedures

Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

Unusual Fire and Explosion Hazards

None

Section V - Reactivity Data

Stability	Unstable	X	Conditions to Avoid	None
	Stable			

Incompatibility (Materials to Avoid)

Strong alkali and oxidizers

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur	X	Conditions to Avoid	None
	Will Not Occur			

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Acute - Contact may result in irritation of the eyes and skin. Ingestion causes gastric disturbances.

Chronic - None known.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

Eye and skin irritation.

Medical Conditions Generally Aggravated by Exposure

None

Emergency and First Aid Procedure

Eyes: Flush with water for 15 minutes. If irritation develops, consult a physician.**Skin:** Wash affected areas with soap and water. If irritation develops, consult a physician.**Ingestion:** Get medical attention.**Inhalation:** Remove to fresh air.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Shovel into proper containers and flush area with water.

Waste Disposal Method

According to federal, state and local regulations.

Precautions to be Taken in Handling and Storage

Keep away from heat.

Other Precautions

Keep away from children.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None necessary.

Ventilation	Local Exhaust	None necessary	Special	None necessary
	Mechanical(General)	Satisfactory	Other	None necessary

Protective Gloves

Rubber or PVC

Eye Protection

Goggles

Other Protective Clothing or Equipment

None

Work/Hygienic Practices

Observe good personal hygiene. Wash hands before eating, avoid inhalation and ingestion.