

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 KWIK STRIP (250055)	<i>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.</i>
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Section I

D.O.T. Hazard Classification: Non-Hazardous

Manufacturer's Name 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 RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Extreme HEALTH 2 REACTIVITY 0 FIRE 0 SPECIAL 0	Date Prepared 05/03/99 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)
Water (7732-18-5)	N/E	N.E.	--	--
Ethylene glycol monobutyl ether (111-76-2)	25ppm-skin	25ppm-skin	--	--
Potassium Tallate (61790-44-1)	N/E	N/E	--	--
Benezene Sulfonic acid dodecyl - 2 Amino ethanol (2836-07-7)	N/E	N/E	--	--
Sodium Tripolyphosphate (7758-29-4)	N/E	N/E	--	<3%

This mixture contains 5.2% ethylene glycol monobutyl ether which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

Section III - Physical/Chemical Characteristics

Boiling Point	~212°F	Specific Gravity (H2O = 1)	1.046
Vapor Pressure (mm Hg)	<37	Melting Point	N/A
Vapor Density (AIR = 1)	<1.4	Evaporation Rate (Butyl Acetate =1)	<0.4
Solubility in Water		Total VOC: 3.2%	
Miscible	pH 12.5		
Appearance and Odor	Thin Purple Liquid - Sassafras Odor (Safrole free)		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Non-flammable aqueous solution	N/A	N/E	N/E
Extinguishing Media	Use media proper to the primary cause of fire.		
Special Fire Fighting Procedures	Employ self-contained breathing apparatus.		
Unusual Fire and Explosion Hazards	None		

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable	X	
Incompatibility (Materials to Avoid)	Strong acids and oxidizers.		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	May Occur	Conditions to Avoid	N/A
	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: May cause severe irritation, possible corneal damage.

Skin: Irritant. Prolonged exposure may cause burns. May be absorbed through skin.

Inhalation: Vapor irritating to nasal mucous membrane. Use with adequate ventilation.

Ingestion: Gastrointestinal irritation, possible mucosal damage.

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

Signs and Symptoms of Exposure

See Health Hazards

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedure

Eyes: Flush with large amounts of cool running water for at least 15 minutes holding eyelids open. **Skin:** Remove contaminated clothing and footwear. Flood/shower with water. **Inhalation:** Remove to fresh air and rest. **Ingestion:** Drink 2 large glasses of milk or several glasses of water. Do not induce vomiting. Call a physician.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Collect and reuse if possible. Wash area thoroughly with water. Do not allow runoff to ground water.

Waste Disposal Method

Wash to sewer with large quantities of water if permitted by federal, state, and local regulations.

Precautions to be Taken in Handling and Storage

As required to prevent spillage. Do not get in eyes, avoid exposure to skin.

Other Precautions

Keep out of the reach of children.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required.

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

Protective Gloves

Avoid skin contact. Wear rubber gloves.

Other Protective Clothing or Equipment

Eye Protection: As required to prevent splashing in eyes.

Work/Hygienic Practices

Wash thoroughly after use.