

# 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 <b>LAVISH</b> (120240)	<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

Manufacturer's Name Beaver Research Company	Emergency Telephone Number 1-800-255-3924 (Chem-Tel)
Address (Number, Street, City, State, and ZIP Code) 3700 East Kilgore Road, Portage, MI 49002	Telephone Number For Information 1-800-544-0133
HMIS RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Extreme HEALTH ..... 2 REACTIVITY ..... 0 FLAMMABILITY...3 PERSONAL PROTECTION: B	Date Prepared 05/01/02 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)
Propane (74-98-6)	1000ppm	Asphyxiant	---	7-13%
C10-13 Isoparaffin (68551-17-7)	5mg/m3 (mist)	5mg/m3 (mist)	--	60-100%

This product is not known to contain any chemical listed or in concentrations requiring reporting under SARA Title III Sec. 313. Refer to 40 CFR 372.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

## Section III - Physical/Chemical Characteristics

Boiling Point Concentrate	354°F	Specific Gravity (H2O = 1) Concentrate	0.78
Vapor Pressure (mm Hg) (psig @70°F):	37±5	Melting Point	No Data
Vapor Density (AIR = 1)	Greater than one (1)	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water Negligible		pH	N/A
		Total VOC:	77.5%

Appearance and Odor

Clear colorless liquid with a lemon scent in an aerosol can.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 24", No flashback, Flammable	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media

Treat as an oil fire. Use carbon dioxide, dry chemical or foam. Water may cause fire to spread.

Special Fire Fighting Procedures

Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards

Aerosol container (pressurized) may burst if heated over 120°F.

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	Extreme heat, direct sunlight.
	Stable	X	

Incompatibility (Materials to Avoid)

Strong acids, alkalis and oxidizers.

Hazardous Decomposition or Byproducts

Carbon Dioxide, Carbon Monoxide

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

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**Section VI - Health Hazard Data**

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

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## Health Hazards (Acute and Chronic)

**Warning.** Flammable. Causes eye and skin irritation. Causes irritation of the digestive tract. Inhaling excessive concentration of vapors or swallowing may depress nervous system. Contents under pressure. Follow good chemical hygiene practices when using this product.

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Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known.	No	No	No

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## Signs and Symptoms of Exposure

Redness, tearing or irritation of eyes. Drowsiness, dizziness, nausea, loss of coordination and fatigue. Drying and cracking of skin. Throat irritation.

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## Medical Conditions Generally Aggravated by Exposure

Pre-existing skin, lung, or stomach disorders.

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## Emergency and First Aid Procedure

**Eyes:** Flush with plenty of water for at least 15 minutes. Get medical attention immediately. **Ingestion:** Do not induce vomiting. Give large quantities of water, get medical attention immediately. **Inhalation:** Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin:** Flush with plenty of water for at least 15 minutes.

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**Section VII - Precautions for Safe Handling and Use**

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## Steps to be Taken in Case Material is Released or Spilled

Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Caution slip hazard. Vacuum up for reuse or pick up on absorbent. Put in suitable container. Wipe up small spills with absorbent cloth. Residue may be slippery. Clean thoroughly.

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## Waste Disposal Method

Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

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## Precautions to be Taken in Handling and Storage

Do not get in eyes. Avoid contact with skin and clothing. Do not inhale mist or vapors. Contents under pressure. Do not puncture container. Do not store at temperatures exceeding 120°F. Do not incinerate or spray into open flame. Store in a dry location. Store away from heat, sparks, open flame, and direct sunlight.

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## Other Precautions

Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc. Do not swallow. Wash thoroughly after handling.

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**Section VIII - Control Measures**

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## Respiratory Protection (Specify Type)

Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

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Ventilation	Local Exhaust	Not necessary	Special	None
	Mechanical(General)	Yes	Other	None

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## Protective Gloves

If needed to prevent direct contact.

## Eye Protection

Yes(approved safety glasses (Z87 or goggles)

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## Other Protective Clothing or Equipment

Not usually necessary. If contact possible, wear apron, boots, etc. as required.

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## Work/Hygienic Practices

Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.

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