

# 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

**TAR GO**

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 <b>Beaver Research Company</b>		Emergency Telephone Number <b>1-800-255-3924 (Chem-Tel)</b>	
Address (Number, Street, City, State, and ZIP Code) <b>3700 E. Kilgore Road, Portage, MI 49002</b>		Telephone Number For Information <b>269-382-0133</b>	
HMIS RATINGS:	Health	1	Date Prepared <b>03-16-11</b>
	Flammability	2	Signature of Preparer (optional)
	Reactivity	0	
	Personal Protection	B	

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Methylsoyate	67784-80-9	N/A	N/A	N/A	55 - 60
d-limonene	5989-27-5				10 - 15
Hydrotreated light distillates(petroleum)	64742-47-8				30 - 40

## Section III - Physical/Chemical Characteristics

Boiling Point	N/E	Specific Gravity (H2O = 1)	<1
Vapor Pressure (mm Hg)	1	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water <b>Not soluble</b>		pH <b>N/A</b>	
Appearance and Odor <b>Thin colorless liquid with pleasant odor.</b>		% Volatile by volume: <b>40%</b>	

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>118F (d-limonene) 185F (estimated mixture)</b>	Flammable Limits	LEL <b>N/E</b>	UEL <b>N/E</b>
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### Extinguishing Media

**Small fires:** dry chemical, CO2, or foam.

**Large fires:** dry chemical or foam.

### Special Fire Fighting Procedures

The use of SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.

### Unusual Fire and Explosion Hazards

Heated drums may present explosion hazards.

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	None
	Stable		

### Incompatibility (Materials to Avoid)

**Strong acids, bases, selected amines.**

### Hazardous Decomposition or Byproducts

Thermal decomposition in the presence of air may yield carbon dioxide and/or carbon monoxide.

Hazardous	May Occur	Conditions to Avoid	None
	Polymerization		

**Section VI - Health Hazard Data**

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

Health Hazards (Acute and Chronic)

**Eyes and Skin:** May cause eye and skin irritation. **Inhalation:** May cause nervous system depression and mucous membrane irritation, headaches, dizziness, nausea. **Ingestion:** Headaches, stomach pain, mouth and throat irritation.

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

Signs and Symptoms of Exposure

See above.

Medical Conditions Generally Aggravated by Exposure

Dermatitis; asthma like conditions.

Emergency and First Aid Procedure

Flush eyes and skin with large quantities of water. If ingested, do not induce vomiting. If inhaled, move to fresh air. If irritation persists, seek medical attention.

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

Steps to be Taken in Case Material is Released or Spilled

Mop up or otherwise absorb with absorbant material. Hold for disposal.

Waste Disposal Method

Follow methods recommended by federal, state, and local waste disposal authorities.

Precautions to be Taken in Handling and Storage

Keep containers tightly closed. Store in a cool dry place.

Other Precautions

Keep out of reach of children. Empty containers will contain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None required if proper ventilation is used.

Ventilation	Local Exhaust	Adequate	Special	N/A
	Mechanical(General)	If necessary to keep below TLV.	Other	

Protective Gloves	Eye Protection
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Other Protective Clothing or Equipment

Work/Hygienic Practices