

# 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

**SLAM (250309)**

*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 by: <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: 0-Least      3-High 1-Slight     4-Extreme 2-Moderate	Health: 1	Date Prepared <b>11/24/00</b>	
	Fire: 0	Signature of Preparer (optional)	
	Reactivity: 0		
	Personal Protection: X		

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	TLV	Title III, SECT. 313	% (optional)
Sodium Metasilicate	6834-92-0	None established	No	1-5%
Nonionic Surfactant	9016-45-9	None established	No	1-5%
H-7824 Orange Terpenes	68647-72-3	None established	No	1-5%
Sodium Carbonate	497-19-8	None established	No	1-5%
Water	7732-18-5	None established	No	

### Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.0 ± 0.5
Vapor Pressure (mmHg)	Not determined	Melting Point	N/A
Vapor Density (AIR = 1)	Not determined	Evaporation Rate (vs. H <sub>2</sub> O)	About the same
Solubility in Water	pH	12.5 ± 0.5	
	Total VOC	3.0	

Appearance and Odor

Clear, colored liquid with citrus odor.

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) (T.C.C.) None to boiling	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Product is non-combustible. Water Spray (Fog), Dry Chemical; CO <sub>2</sub> ; 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	X		
Incompatibility (Materials to Avoid)				
Strong acids, oxidizers. Do not mix with chlorinated detergents or sanitizers.				
Hazardous Decomposition or Byproducts				
Burning may produce oxides of carbon and other substances.				
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?
	No	Yes	Yes

Health Hazards (Acute and Chronic)

Direct contact with eyes may cause severe irritation and pain with marked redness & swelling of conjunctiva. May injure eye tissue if not promptly removed. Prolonged or repeated skin exposure may cause moderate irritation & reddening. Ingestion may cause moderate to severe irritation of mouth, throat and stomach with nausea and vomiting.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None			

Signs and Symptoms of Exposure

Repeated contact may cause an allergic skin reaction.

Medical Conditions Generally Aggravated by Exposure

Due to its defatting properties this product may exacerbate an existing dermatitis.

Emergency and First Aid Procedure

**Eyes:** Flush eyes with water for at least 15 minutes and call a physician immediately.

**Skin:** Wash affected areas with large amounts of soap and water. If irritation persists call a physician.

**Inhalation:** Not an expected route of exposure. If vapors or mist cause irritation, remove subject to fresh air.

**Ingestion:** Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

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

Steps to be Taken in Case Material is Released or Spilled

Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle, or proper disposal.

Waste Disposal Method

Dispose of in an approved waste facility according to Federal, State and local regulations.

Precautions to be Taken in Handling and Storage

Keep container closed when not in use. Wash thoroughly after handling. D.O.T. Classification: Not Regulated.

Other Precautions

N/A

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Not required under normal use conditions with good general ventilation. Protect against generated mists/spray back.

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

Protective Gloves

Rubber/PVC

Eye Protection

Safety Glasses/Goggles

Other Protective Clothing or Equipment

Protective clothing appropriate to minimize contact during specific operations.

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.*