

# 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

**ICE SYCKLE (400012)**

*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 For: <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=Minimal 3=Serious 1=Slight 4=Severe 2=Moderate	Health: 1 Flammability: 3 Reactivity: 0 Personal Protection: B	Date Prepared <b>11/26/02</b> Signature of Preparer (optional)

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	% (optional)
Ethylene Glycol	107-21-1	N/A	100 ppm (vapor)	27
Anhydrol 200PM 4084 (Ethanol)	64-17-5	N/A	1000 ppm	18

This product may contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Right-To-Know Act of 1986 and of 40 CFR 372.

### Section III - Physical/Chemical Characteristics

Boiling Point	167-388°F	Specific Gravity (H <sub>2</sub> O = 1)	0.9925
Vapor Pressure( mm Hg):	5.0	Evaporation Rate (Butyl Acetate = 1)	0.5
Vapor Density (AIR = 1)	2.2	% Volatile by Volume	18
Solubility in Water <b>Complete.</b>	pH <b>N/A</b>		
Appearance and Odor <b>Clear, light blue solution; mild odor.</b>			

### Section IV - Fire and Explosion Hazard Data

Flash Point <b>94°F</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>N/A</b>			
Special Fire Fighting Procedures <b>Material will burn if hot enough and a source of ignition is present. Use SCBA.</b>			
Unusual Fire and Explosion Hazards <b>None known.</b>			

### Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	Excessive heat.
	Stable	X	
Incompatibility (Materials to Avoid) <b>Strong oxidizers.</b>			
Hazardous Decomposition or Byproducts <b>CO &amp; CO<sub>2</sub></b>			
Hazardous	May Occur	Conditions to Avoid	N/A
Polymerization	Will Not Occur	X	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Eyes?	Ingestion?
	No	Yes	Yes	Yes
Health Hazards (Acute and Chronic)				
<b>Ingestion:</b> Large quantities may cause irritation of the GI tract, nausea and vomiting.				
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	
	No	No	No	
Signs and Symptoms of Exposure				
See above "Health Hazards".				
Medical Conditions Generally Aggravated by Exposure				
N/A				
Emergency and First Aid Procedure				
<b>Ingestion:</b> Dilute with water; induce vomiting. <b>Skin and Eyes:</b> Flush with water.				

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

Steps to be Taken in Case Material is Released or Spilled	
Contain spill; mop up area; flush with water; dispose of in compliance with government regulations. Keep untrained personnel away from area.	
Waste Disposal Method	
Trash or incinerate by means which provide appropriate environmental pollution controls.	
Precautions to be Taken in Handling and Storage	
Store in dry, cool area. Keep containers closed. Wash thoroughly after handling. Keep away from food.	
Other Precautions	
If material is hot, keep ignition sources away. Keep away from children.	

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)				
None needed.				
Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Recommended.	Other	N/A
Protective Gloves		Eye Protection		
Rubber.		Safety glasses or goggles.		
Other Protective Clothing or Equipment				
Rubber apron and boots.				
Work/Hygienic Practices				
Wash thoroughly after handling.				

N/A=Not Applicable

All information contained in this data sheet is believed to be true and accurate at this time. However, Beaver Research Company makes no guarantees, expressed or implied, nor assumes any liability for its use. The physical data has been calculated from available information.