

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

STIX (130028)

*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 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 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...0 PERSONAL PROTECTION: B	Date Prepared 07/01/01 Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	TWA- TLV	STEL- TLV	% (optional)
Water	7732-18-5				to100
Phosphoric Acid	7664-38-2	1mg/M3	1mg/M3	3mg/M3	20.0
Nonionic Surfactant	9016-45-9				0to5
Xanthan Gum	11138-66-2				0to5
Perfume Oil	N/A				0to5
Diemethyl Benzyl Ammonium Chloride	8001-54-5				0to5

Section III - Physical/Chemical Characteristics

Boiling Point	210°F initial	Specific Gravity (H2O = 1)	1.139
Vapor Pressure (mm Hg) @68°F	20	% Volatile	65+
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	pH: 1.5 - 2.0	Total VOC: <1%	
100%			

Appearance and Odor

Thick pink liquid with pleasant odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures Not flammable.			
Unusual Fire and Explosion Hazards N/A			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		
Incompatibility (Materials to Avoid) Strong alkalis and oxidizers, reactive metals.				
Hazardous Decomposition or Byproducts Phosphorous oxide vapors in a fire.				
Hazardous	May Occur		Conditions to Avoid	None
Polymerization	Will Not Occur	X		

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Skin: Severe skin irritant. Prolonged or repeated contact can cause chemical burns or dermatitis.**Eyes:** Severe eye irritant. Liquid and mists may burn or injure the eyes.**Inhalation:** May be irritating to mucous membranes of the nose, throat, and lungs.**Ingestion:** May be irritating to the mouth and throat. Large doses can cause nausea and vomiting.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
N/A	No	No	No

Signs and Symptoms of Exposure

N/A

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Skin: Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists. **Eyes:** Flush eyes with large quantities of water, holding eyelids open. Seek medical attention if irritation persists. **Inhalation:** Get to fresh air. Seek medical attention if symptoms persists.

Ingestion: Do not induce vomiting. Give large quantities of water or milk. Get medical attention immediately.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method

Any method in accordance with applicable laws.

Precautions to be Taken in Handling and Storage

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Use with adequate ventilation.

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

Protective Gloves

Acid proof.

Other Protective Clothing or Equipment

Eye Protection: Safety glasses.

Work/Hygienic Practices

N/A

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
7664-38-2	Phosphoric Acid	20.0