



MATERIAL SAFETY DATA SHEET

IDENTITY: (as used on label and list) WEXFORD-401		MSDS CODE NUMBER: 6801-00	
SECTION I: (Manufacturer, Address, Telephone, Date Prepared)		Date: 5/4/2009	
WEXFORD LABS, INC. 325 Leffingwell Avenue Kirkwood, Missouri 63122 (800) 506-1146		HMIS RATINGS Health 3 Fire 0 Physical Hazard 1 0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard	
Protective Clothing	 Safety Glasses  Gloves	CHEMTREC 24-Hour Emergency Number: (800) 424-9300 CHEMTREC 24-Hour International Number: (703) 527-3887 This number may be used for emergency ONLY.	
SECTION II: (Hazardous Ingredients Identity Information)			
Hazardous Compounds	OSHA PEL	ACGIH TLV	Other Limits Recommended
SECTION II: Sodium metasilicate Cas #: 6834-92-0	N/A		
SECTION III: (Physical/Chemical Characteristics)			
Boiling Point	Over 212° F	Specific Gravity (H ₂ O = 1)	1.072
		Melting Point	N/A
Vapor Pressure (mm Hg.)	N/A	Evaporation Rate (Butyl Acetate =1)	N/A
Vapor Density (Air = 1)	N/A	pH of concentrate:	12.1
Solubility in Water	100%	pH of 1:128 in tap water	11
Appearance and Odor	Light red translucent liquid with slight sassafras odor		
SECTION IV: (Fire and Explosion Hazard Data)			
Flash Point: (Pensky-Martens Closed Cup)	147° F	Flammable Limits:	N/A
Extinguishing Media:	Suitable to origin of fire	LEL:	N/A
Special Fire Fighting Procedures:	NONE	UEL:	N/A
Unusual Fire and Explosion Hazards:	NONE		
SECTION V: (Reactivity Data)			
Stability:	Stable		
Incompatibility (materials to avoid):	Acids, Cationics		
Hazardous Decomposition or Byproducts:	NONE		
Hazardous Polymerization:	Will not occur		
SECTION VI: (Health Hazard Data)			
Route(s) of Entry:	Inhalation? N/A	Skin? N/A	Ingestion? Yes
Health Hazards (acute and chronic): May be harmful if swallowed. Avoid prolonged contact of hands with the concentrate. Protect eyes.			
Carcinogenicity:	N/A	NTP? N/A	IARC Monographs? N/A OSHA Regulated? N/A
Signs and Symptoms of Exposure: Redness or irritation of skin.			
Medical Conditions Generally Aggravated by Exposure: None established			
Emergency and First Aid Procedures: In case of eye contact, immediately flush eyes with water. If irritation persists, call a physician. If swallowed: drink milk, egg whites, gelatin solution. If these are not available drink large quantities of water. Call a physician.			

KEEP OUT OF REACH OF CHILDREN

WEXFORD-401 MSDS

SECTION VII: (Precautions for safe handling and use)

Steps to be taken in case material is released or spilled:

Pick up material spilled with wet vacuum pick-up, squeegee and pan or, or mop. Flush area with water.

Allow to dry.

Waste Disposal Method:

Through conventional sewage system. Observe local regulations.

Precautions to be taken in handling and storing:

Protect eyes and skin when handling the concentrate.

Store at room temperature.

Other Precautions: NONE

SECTION VIII: (Control Measures)

Respiratory Protection: NONE

Ventilation:

Local Exhaust N/A

Mechanical (General) N/A

Special NONE

Other NONE

Protective Gloves: Recommended

Eye Protection: Recommended

Other Protective Clothing or Equipment: None Needed

Work/Hygienic Practices:

Keep out of reach of children.

Do not get on skin or clothing.

Protect eyes and skin when handling.

Wash hands after handling chemicals.

SECTION IX: TRANSPORTATION

DOT (Department of Transportation) Proper Shipping Name: Not regulated by this mode of transportation

IMDG (International Maritime Dangerous Goods) Proper Shipping Name: Not regulated by this mode of transportation

IATA (International Air Transportation Association) Proper Shipping Name: Not regulated by this mode of transportation

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