

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.

De-Limer, Elko

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



TITY (As Used on Label and List)
ELKO DE-LIMER

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 ELKHORN CHEMICAL CO., INC.	Emergency Telephone Number 414-723-2646
Address (Number, Street, City, State, and ZIP Code) One Elko Lane, PO Box 209	Telephone Number for Information 414-723-2646
Elkhorn, Wisconsin 53121	Date Prepared Revised October 1986
	Signature of Preparer (optional)

Section II — Ingredients/Identity Information

Components	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Phosphoric Acid	7664-38-2	Σ	1mg/m ³	N/A	3-6
Gluconic Acid	526-95-4	N/D	N/D	N/A	10-20
Alkyl Phenol Ethoxylate	24938-91-8	N/D	N/D	N/A	2-4

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.02
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Complete		
Appearance and Odor	Yellow Liquid, no distinctive odor		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	Water				
Special Fire Fighting Procedures	N/A				
Unusual Fire and Explosion Hazards	N/A				

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	

Incompatibility (Materials to Avoid) Strong oxidizing agents

Hazardous Decomposition or Byproducts N/A

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? N/A Skin? X Ingestion? X

Health Hazards (Acute and Chronic) Will burn eyes. May be skin irritant.

Carcinogenicity: N/A NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure Mild irritation of skin. Irritation of eyes.

Medical Conditions Generally Aggravated by Exposure Dermatitis.

Emergency and First Aid Procedures Flush skin & eyes with water. Get medical attention for eyes.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled Pick up with sponge or mop and flush down drain.

Waste Disposal Method Floor drain or sink.

Precautions to Be Taken in Handling and Storing Normal

Other Precautions Keep this chemical and all chemicals out of reach of children.

Section VIII — Control Measures

Respiratory Protection (Specify Type) N/A

Ventilation	Local Exhaust	X	Special
	Mechanical (General)		Other

Protective Gloves Rubber Gloves Eye Protection Goggles

Other Protective Clothing or Equipment N/A

Work/Hygienic Practices Good Norman Hygiene