

MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 04/10

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: North Woods® Luma Safe
Generic Name: Liquid Detergent.
Suppliers Name: SUPERIOR CHEMICAL CORP.
Suppliers Address: 1331 Wisconsin Avenue, Sheboygan, WI 53081
Phone: 800-242-7694
EMERGENCY PHONE: 800-535-5053

Chemical Family: N/A
Formula: N/A

NPCA Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	3
Maximum Personal Protection	B

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Potassium Hydroxide	1310-58-3	>10	2mg/m3			
NJTSR#39201900-5116P		>30				

Unidentified ingredients are not considered hazardous under Federal Hazard Communications Standard (29 CFR 1910.1200)

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): 197°
Vapor Pressure: N/A
% Volatile: N/A
Solubility in Water: 100%
Physical Description: Free flowing liquid.
Specific Gravity: 1.265
Vapor Density:
pH: 13.9
Evaporation Rate: N/A
VOC's: N/A

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point (method used): N/A
Upper Explosive Limit: N/A
Lower Explosive Limit: N/A
Special Fire Fighting Procedures: Protect from irritating mists and corrosive solutions with pressure demand, self-contained respirator and protective clothing.
Unusual Fire & Explosion Hazards: Not normally considered combustible. Will not burn or sustain combustion.

SECTION 5 - REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Incompatibility (materials to avoid): Acids, aluminum and strong oxidizers.
Hazardous Decomposition Products: None
Conditions to Avoid: Spills and careless handling

SECTION 6 - STORAGE & HANDLING INFO

Precautions To Be Taken In Handling & Storage: Store at room temperature. Keep from freezing. Keep container closed when not in use. Use adequate ventilation. Avoid contact with skin and eyes, or the breathing of mists. Wash thoroughly after use.
Other Precautions: Do not take internally. Avoid contamination of food. For **industrial use only.** Do not mix with anything other than water. Avoid contact w/strong oxidizing agents, aluminum & other soft metals.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Primary Route of Entry:
Skin: Irritant, Overexposure may cause severe burns.
Eyes: Irritant.
Inhalation: Respiratory irritation. Mist may cause choking sensation.
Ingestion: May cause digestive irritation.
Carcinogen: Not considered carcinogenic by OSHA, NTP or IARC

First Aid Procedures:
Skin: Wash skin for 15-30 minutes and remove contaminated clothing. Seek immediate medical attention.
Eyes: Flush with cool water for at least 15-30 minutes. Seek immediate medical attention.
Inhalation: Get to fresh air. Seek medical attention. If not breathing, give artificial respiration and oxygen, if available.
Ingestion: Give several glasses of milk or water to dilute. Do Not induce vomiting. Get medical attention. Do not give anything by mouth to an unconscious person.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None usually required.

Ventilation: Adequate general ventilation. Local exhaust for dust or mist.

Protective Gloves: Rubber or neoprene

Other Protective Equipment: Eye bath and safety shower. Use rubber boots and apron as required.

Eyes: Chemical goggles or face shield

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:
Stop flow of product, Dilute with water and neutralize as required. Wash away small spills with plenty of water. Avoid skin contact. Absorb large spills.

Waste disposal method:
Dispose of in accordance with all local, state & federal regulations. Observe all label safeguards until container is cleaned, reconditioned or destroyed.

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. **FOR FURTHER INFORMATION OR TO DOWNLOAD ADDITIONAL MSDS GO TO www.northwoodstm.com

** 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 or ordinary use.