

# MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 01/10

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** North Woods® Drain Free  
**Generic Name:** Drain opener.  
**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	3
Flammability	0
Reactivity	2
Maximum Personal Protection	D

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Potassium Hydroxide	1310-58-3	> 10.0%	Not available	10ppm	Not available	No
Sodium Hydroxide	1310-73-2	> 50.0%	Not available	10ppm	Not available	No

## SECTION 3 - PHYSICAL DATA

**Boiling Range (°F):** 212°F  
**Vapor Pressure:** Not available  
**% Volatile:** 0  
**Solubility in Water:** Soluble  
**Physical Description:** Red liquid with no odor.  
**Specific Gravity:** 1.50  
**Vapor Density:** < 1.0  
**pH:** > 14.00  
**Evaporation Rate:** > 1.0  
**VOC's:** 0 lbs/gal.

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition Products:** Thermal decomposition may produce a wide variety of toxic gases.  
**Incompatibility (materials to avoid):** Acids, combustible materials, and metals such as aluminum, tin, galvanized zinc, brass and bronze. Also avoid many organic chemicals, especially nitrocarbons, leather and wool and organic acids and their anhydrides. This product may react with various sugars to form hazardous carbon monoxide.

## SECTION 4 - FIRE & EXPLOSION HAZARD DATA

**Flash Point (method used):** N/A  
**Upper Explosive Limit:** N/A  
**Lower Explosive Limit:** N/A  
**Extinguishing Media:** Water, foam, carbon dioxide, dry chemical.  
**Unusual Fire & Explosion Hazards:** None  
**Special Fire Fighting Procedures:** Cool drums in vicinity of fire with water fog. Fire fighters should wear full protective gear including self contained breathing apparatus.

## SECTION 6 - STORAGE & HANDLING INFO

**Precautions To Be Taken In Handling & Storage:**  
Keep out of reach of children. Practice common sense in the handling of these products. Avoid spills and splashing of opened products. Store product in tightly closed original container. Store in a cool, dry place. Provide adequate ventilation.

## SECTION 7 - HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure**  
**Primary Route of Entry:**  
**Skin:** Severe irritation, burns, and ulcerations.  
**Eyes:** Severe destruction of tissue, possibly resulting in blindness.  
**Inhalation:** May cause headache, nausea, dizziness, irritation to respiratory system.  
**Ingestion:** Severe burns, destruction of tissue, DANGER - may be fatal if swallowed.

**First Aid Procedures:**  
**Skin:** Immediately flush skin with running water for at least 30 minutes. Get immediate medical attention.  
**Eyes:** Immediately flush with cool running water for at least 30 minutes. Get immediate medical attention.  
**Inhalation:** Immediately remove victim to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.  
**Ingestion:** DO NOT INDUCE VOMITING. If conscious, give large amounts of milk or water. Contact a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None required in normal use.  
**Ventilation:** Local exhaust sufficient, mechanical exhaust not required.  
**Protective Gloves:** Rubber or neoprene gloves.  
**Other Protective Equipment:** Impervious clothing to prevent contact.  
**Eyes:** Approved chemical goggles or full face shields.

## SECTION 9 - SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled:**  
Mop up or otherwise absorb and hold material for disposal.  
**Waste disposal method:**  
Any method in accordance with applicable laws.

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\*\* 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.