

# MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 06/10

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** North Woods® Complete  
**Generic Name:** Powdered Machine 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
Sodium Hydroxide	1310-58-2	<5	2mg/m3			
Trichloroisocyanuric Acid	87-90-1	<5				
Sodium Metasilicate, Anhydrous	6834-92-0	<10				
NJTSR#3920101900-5116P		>40				

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

## SECTION 3 - PHYSICAL DATA

**Boiling Range (°F):** 221°  
**Vapor Pressure:** N/A  
**% Volatile:** N/A  
**Solubility in Water:** 100%  
**Physical Description:** Free flowing liquid.  
**Specific Gravity:** 1.198  
**Vapor Density:**  
**pH:** 10  
**Evaporation Rate:** N/A  
**VOC's:** 0 lbs/gal.

## 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:** Use NIOSH approved mask w/ cannister approved for chlorine. Protect with pressure demand, self contained respirator & protective clothing.  
**Unusual Fire & Explosion Hazards:** Not normally considered combustible. Will not burn or sustain combustion.

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable  
**Incompatibility (materials to avoid):** Acids, aluminum and other soft metals.  
**Hazardous Polymerization:** Chlorine gas & Related Toxic gas  
**Hazardous Decomposition Products:** None  
**Conditions to Avoid:** Spills and careless handling. Extreme heat & bright sunlight

## 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 with materials listed.

## 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. Get immediate medical attention.  
**Inhalation:** Get to fresh air, and get medical attention. If not breathing, give artificial respiration and oxygen, if available.  
**Ingestion:** If swallowed 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:** None usually 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](http://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.