

# MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 11/09

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** North Woods® Zap  
**Generic Name:** Heavy duty power cleaner.  
**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	1
Maximum Personal Protection	B

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
2 - Aminoethanol	141-43-5	< 5		3ppm	N / A	No
2 - Propanol	67-63-0	< 5		400ppm	N / A	No
Glycol Ether *	111-77-3	2				No

\*Subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 & 40 CFR372.

## SECTION 3 - PHYSICAL DATA

**Boiling Range (°F):** 213°F  
**Vapor Pressure:** Unknown  
**% Volatile:** > 90  
**Solubility in Water:** Complete @ 25°C  
**Physical Description:** Green liquid with cherry scent.

**Specific Gravity:** 1.01  
**Vapor Density:** > 1  
**pH:** 12 - 13  
**Evaporation Rate:** > 1  
**VOC's:** 0.34 lbs/gal.

## 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, dry chemical, foam, CO2.  
**Special Fire Fighting Procedures:** Full protective gear.  
**Unusual Fire & Explosion Hazards:** Heat may cause product decomposition.

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable  
**Incompatibility (materials to avoid):** Acids, oxidizing agents, uncontrolled contact with water.  
**Hazardous Decomposition Products:** Oxides of carbon and/or nitrogen, ammonia, amines.

## SECTION 6 - STORAGE & HANDLING INFO

**Precautions To Be Taken In Handling & Storage:**  
Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

## SECTION 7 - HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure**  
**Primary Route of Entry:**  
**Skin:** Irritant.  
  
**Eyes:** Corrosive.  
  
**Inhalation:** Irritation to respiratory system. Concentrated vapors may cause nausea, fatigue, dizziness.  
  
**Ingestion:** Corrosive to any body tissue contacted.

**First Aid Procedures:**  
**Skin:** Flush with running water for at least 15 minutes. Apply a good moisturizing lotion. Seek medical attention if irritation develops or persists.  
**Eyes:** Flush with water for at least 15 minutes. Seek medical attention.  
  
**Inhalation:** Remove to fresh air. Seek medical attention.  
  
**Ingestion:** DO NOT INDUCE vomiting. Drink a large amount of milk, vegetable oil, or citrus juice. Seek medical attention.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** NIOSH approved for organic vapors.

**Ventilation:** Provide local exhaust to keep TLV of section 2 ingredients below acceptable limit.

**Protective Gloves:** Chemical resistant.

**Other Protective Equipment:** N/A

**Eyes:** Splash goggles.

## SECTION 9 - SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled:**  
Mop up or otherwise absorb and hold 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.