

MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 12/09

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: North Woods® San-i-cide

Chemical Family: N/A

Generic Name: Sanitizer.

Formula: N/A

Suppliers Name: SUPERIOR CHEMICAL CORP.

Suppliers Address: 1331 Wisconsin Avenue, Sheboygan, WI 53081

Phone: 800-242-7694

EMERGENCY PHONE: 800-535-5053

NPCA Hazardous Materials Identification System

Health	3
Flammability	0
Reactivity	0
Maximum Personal Protection	B

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Quaternary Ammonium Chloride	68391-01-5	10.0				No

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): 212°F Initial
Vapor Pressure: 20 mm Hg@68°F
% Volatile: 90
Solubility in Water: 100%
Physical Description: Thin colorless liquid with characteristic odor.

Specific Gravity: .99
Vapor Density: >1
pH: 7.2
Evaporation Rate: <1
VOC's: <0.1 lbs/gal.

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point (method used): None to boiling (TCC)
Upper Explosive Limit: N/A **Lower Explosive Limit:** N/A
Extinguishing Media: CO2, dry chemical, synthetic foam or water.
Special Fire Fighting Procedures: Self-contained breathing apparatus.
Unusual Fire & Explosion Hazards: N/A

SECTION 5 - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur.
Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Nitrous oxides and ammoniacal vapors.

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. Prolonged or repeated contact may cause dermatitis.

Eyes: Severe irritant. Liquid and mists may damage the eyes, causing corneal injury.

Inhalation: Vapors may cause drowsiness, nausea, and loss of motor skills.

Ingestion: May be irritating to mouth, throat, and gastrointestinal system. Burning pain, vomiting, and diarrhea expected with large doses.

First Aid Procedures:
Skin: Wash affected area with soap and water. Seek medical attention if irritation persists.

Eyes: Flush with large quantities of water for 15 minutes. Seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention.

Ingestion: Drink promptly a large quantity of water. DO NOT INDUCE vomiting. Avoid alcohol. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: If vapors, fumes, or dust are present, use a MSHA or NIOSH approved respirator.

Protective Gloves: Waterproof recommended.

Other Protective Equipment: N/A

Ventilation: General ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

Eyes: Chemical anti-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 material for disposal.

Waste disposal method:
Any method in accordance with applicable laws.

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.