

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® Blue Spruce
Generic Name: Porcelain & bowl 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	3
Flammability	0
Reactivity	0
Maximum Personal Protection	B

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Hydrochloric Acid	7647-01-0	9.0	C5ppm	N / A	C5ppm	No
Quaternary Ammonium Chloride	68424-95-3	0.051				No

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): 214°F Initial
Vapor Pressure: 25 mm Hg@68°F
% Volatile: 95+
Solubility in Water: 100%
Physical Description: Thick blue liquid, pleasant odor. **VOC's:** <0.01 lbs/gal.

Specific Gravity: 1.05
Vapor Density: >1
pH: <1.5
Evaporation Rate: <1

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: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire & Explosion Hazards: N/A

SECTION 5 - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur.
Incompatibility (materials to avoid): Strong alkalis, most metals, bleach.
Hazardous Decomposition Products: Hydrogen or chlorine gas.

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: Severe skin irritant. Corrosive. Causes skin burns.
Eyes: Severe irritant. Liquid and mists can cause tearing, possible swelling of conjunctiva and corneal injury. Possible irreversible eye damage.
Inhalation: May be irritating to mucous membranes of nose, throat, and lungs.
Ingestion: May be irritating or corrosive to mouth, throat, and upper gastrointestinal tract. May be fatal if swallowed.

First Aid Procedures:
Skin: Wash affected area with plenty of soap and water. Seek medical attention.
Eyes: Flush with gentle stream of water for 15 minutes, holding eyelids open. Seek medical attention.
Inhalation: Get to fresh air. If breathing is difficult, give artificial respiration, preferably mouth to mouth. Seek medical attention.
Ingestion: DO NOT INDUCE vomiting. Give large quantities of milk, egg white, gelatin solution, or if these aren't available, large quantities of water. Contact a physician or poison control center immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation.

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

Protective Gloves: Acid proof.

Eyes: Chemical anti-splash goggles.

Other Protective Equipment: N/A

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.