

MATERIAL SAFETY DATA SHEET

S-050

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 08/04

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 with pleasant odor.

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.

Other Protective Equipment: N/A

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 for disposal.

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