

MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 01/12

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: North Woods® Icy Clean
Generic Name: Low temperature Freezer 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	2
Flammability	0
Reactivity	0
Maximum Personal Protection	X

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Ethylene Glycol *	107-21-1	30 - 60		50ppm	50ppm	No
Tetrasodium EDTA	64-02-8	1 - 5		N / E	N / E	No
Ethanolamine	141-43-5	1 - 5		3 ppm	3 ppm	No
Nonionic Surfactant	9016-45-9	1 - 5		N / E	N / E	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): 212°F
Vapor Pressure: Not determined
% Volatile: N / E
Solubility in Water: Complete
Physical Description: Blue colored liquid with no distinct odor.

Specific Gravity: 1.1
Vapor Density: Not determined
pH: 11.9
Evaporation Rate: slower
VOC's:

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point (method used): None
Upper Explosive Limit: None **Lower Explosive Limit:** None
Extinguishing Media: Foam, CO2, foam or dry chemical.
Special Fire Fighting Procedures: Self contained breathing apparatus.
Unusual Fire & Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur.
Incompatibility (materials to avoid): Strong acids/oxidizers. Do not mix with chlorinated detergents. (Bleach)
Hazardous Decomposition Products: Burning may product oxides of carbon and other substances.

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. Store in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Primary Route of Entry:
Skin: May cause irritation.

Eyes: Irritating to eyes, may cause reddening and irritation.

Inhalation: None known.

Ingestion: Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea and mucousal irritation.

First Aid Procedures:
Skin: Wash affected areas with large amounts of soap and water. If irritation persists call physician.
Eyes: Flush with water for at least 15 minutes and call a physician immediately.
Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.
Ingestion: If conscious give 2 glasses of water and induce vomiting. Call a physician immediately. Early administration of ethanol may counter toxic effects.

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: Rubber/PVC

Other Protective Equipment: Impervious protective clothing appropriate to minimize contact.

Eyes: Use safety glasses.

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.

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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.