

MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 11/11

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: North Woods® Grease Off
Generic Name: Oven & grill 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	C

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Sodium Hydroxide	1310-73-2	10 to 15	2mg/m3	N/A	C2mg/m3	No
Gluconic Acid	526-95-4	0 - 5				No

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): 218°F Initial
Vapor Pressure: 20 mm Hg@68°F
% Volatile: 80+
Solubility in Water: 100%
Physical Description: Thick amber liquid, characteristic odor. **VOC's:** <0.0001 lbs/gal.

Specific Gravity: 1.12
Vapor Density: >1
pH: 12.5 - 14.0
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 acids.

Hazardous Decomposition Products: Alkaline vapors in a fire.

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 irritant. Prolonged or repeated contact may cause severe chemical burns.
Eyes: Severe irritant. Prolonged contact may cause burns or permanent damage.
Inhalation: Irritating to mucous membranes in nose, throat, and lungs. May cause coughing, chest pain, and difficulty in breathing. Prolonged exposure may result in tissue damage.
Ingestion: Extremely corrosive to mouth and throat. May result in severe chemical burns. May cause severe abdominal pain, nausea, vomiting and possible collapse.

First Aid Procedures:
Skin: Flush affected area with large quantities of water. Seek medical attention if irritation persists.
Eyes: Flush eyes with large quantities of water, holding eyelids open. Seek medical attention.
Inhalation: Get to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Ingestion: DO NOT INDUCE vomiting. Dilute with large quantities of water. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area.

Protective Gloves: Waterproof.

Other Protective Equipment: Waterproof apron recommended.

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 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.