

# MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 11/09

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** North Woods® Bug Off  
**Generic Name:** Personal insect repellent.  
**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	1
Flammability	2
Reactivity	1
Maximum Personal Protection	A

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Isopropyl Alcohol	67630	< 45	400ppm	400ppm	N / A	No
L.P.G.	68476-85-7		1000ppm	1000ppm	N/A	No

## SECTION 3 - PHYSICAL DATA

**Boiling Range (°F):** 165°F  
**Vapor Pressure:** 70 mm Hg  
**% Volatile:** 48  
**Solubility in Water:** 0%  
**Physical Description:** Clear spray with musk odor. **VOC's:** 4.27 lbs/gal.

**Specific Gravity:** 1.05  
**Vapor Density:** 1  
**pH:**  
**Evaporation Rate:** 3

## SECTION 4 - FIRE & EXPLOSION HAZARD DATA

**Flash Point (method used):** < 70  
**Upper Explosive Limit:** N/A **Lower Explosive Limit:** N/A  
**Extinguishing Media:** CO2, foam, water, or dry chemical.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire & Explosion Hazards:** Heated cans may burst. May develop flammable atmosphere in confined areas.

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable **Hazardous Polymerization:** Will not occur.  
**Incompatibility (materials to avoid):** Do not expose to painted surfaces or most plastics.  
**Hazardous Decomposition Products:** Exposure to red hot surfaces may produce some carbon monoxide.

## SECTION 6 - STORAGE & HANDLING INFO

**Precautions To Be Taken In Handling & Storage:**  
Wrap container and place in trash collection. Exposure to temperatures above 120°F may cause bursting.

## SECTION 7 - HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure**  
**Primary Route of Entry:**  
**Skin:** N / A

**Eyes:** Strong irritation; reddening.

**Inhalation:** Dizziness. Prolonged exposure may lead to unconsciousness.

**Ingestion:** N / A

**First Aid Procedures:**  
**Skin:** N / A

**Eyes:** Do not expose to eyes. Flush with running water and see physician.

**Inhalation:** Remove to fresh air.

**Ingestion:** N / A

## SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use in well ventilated area.

**Ventilation:** Provide local exhaust to keep Section 2 ingredients below acceptable limit.

**Protective Gloves:** N / A

**Other Protective Equipment:** N / A

**Eyes:** 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.