

# MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 06/05

## 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.

**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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