

MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 12/09

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: North Woods® Zone Defense
Generic Name: Aerosol Disinfectant.
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	3
Reactivity	1
Maximum Personal Protection	A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Ethyl Alcohol	64-17-5	50 - 60	1000ppm	1000ppm		No
Propane/N-Butane	68476-86-8	15 - 25	1000ppm	600ppm		No

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): 165°F
Vapor Pressure: 44
% Volatile: N/A
Solubility in Water: 100%
Physical Description: Clear amber spray with a disinfectant odor.
Specific Gravity: 0.88
Vapor Density: 1
pH: 7.25
Evaporation Rate: > 1
VOC's: 4.81 lbs/gal.

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point (method used): 68°F
Upper Explosive Limit: N/A
Lower Explosive Limit: N/A
Extinguishing Media: Standard chemical fire extinguisher.
Special Fire Fighting Procedures: Self contained breathing apparatus.
Unusual Fire & Explosion Hazards: Exposure to temp. above 120°F may cause bursting. Contains flammable propellant.

SECTION 5 - REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Incompatibility (materials to avoid): Strong oxidizers.
Hazardous Decomposition Products: None known.

SECTION 6 - STORAGE & HANDLING INFO

Precautions To Be Taken In Handling & Storage:
Store in a cool, dry area. Keep away from heat, flame or sparks. Keep out of childrens reach.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Primary Route of Entry:
Skin: Skin contact causes drying and irritation.
Eyes: Severe irritation.
Inhalation: May be irritating to mouth, nose and throat leading to sleep and stupor.
Ingestion: Harmful or fatal depending on the amount consumed.

First Aid Procedures:
Skin: Flush with water for 15 minutes. If irritation persists, consult a physician.
Eyes: Immediately flush with water for 15 minutes minimum, lifting eyelids for complete removal. Consult a physician.
Inhalation: Remove to fresh air.
Ingestion: Induce vomiting, give copious amount of water and contact a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: N/A
Protective Gloves: Only if repeated contact with skin occurs.
Other Protective Equipment: N/A

Ventilation: General ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Eyes: Safety glasses are recommended.

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.