

MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 04/10

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: North Woods® Break Away
Generic Name: Penetrating Lubricant
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	1
Reactivity	0
Maximum Personal Protection	G

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Carbon Dioxide	124389	<5	5000ppm	5000ppm	N / A	No
Tetrachloroethylene*	127184	<95	100ppm(200 ppm ceiling)	25 ppm	N / A	Yes †
Mineral Seal Oil	64741-44-2	<10	400 ppm	400 ppm	N / A	No

† Carcinogenicity: NTP: Yes IARC Monograph: Yes OSHA Reg: Yes

*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): 250° F
Vapor Pressure: 11 mm Hg
% Volatile: N / A
Solubility in Water: 0%
Physical Description: Clear spray with typical chlorinated solvent odor.
Specific Gravity: 1.44
Vapor Density: 5.7
pH: N/A
Evaporation Rate: >2
VOC's: 0 lbs/gal.

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point (method used): None
Upper Explosive Limit: N/A **Lower Explosive Limit:** N/A
Extinguishing Media: Foam, CO2, water Dry Chemical.
Special Fire Fighting Procedures: None
Unusual Fire & Explosion Hazards: Exposure above 120°F may cause bursting. Container may vent or rupture due to fire. Violent steam generation may occur upon app. of direct water stream.

SECTION 5 - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur.
Incompatibility (materials to avoid): Some plastics, aluminum, magnesium, potassium, sodium and zinc powders. Strong bases and oxidizers.
Hazardous Decomposition Products: May include hydrogen chloride, & trace amounts of chlorine and phosgene

SECTION 6 - STORAGE & HANDLING INFO

Precautions To Be Taken In Handling & Storage:
Do not use or store near heat or open flames. Exposure to temp. above 120F may cause bursting.
Other precautions: Use proper PPE

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Primary Route of Entry:
Skin: Mild irritation. May cause defatting of tissue.
Eyes: Strong irritation
Inhalation: Dizziness. Excessive inhalation may cause unconsciousness or death.
Ingestion: Nausea, vomiting, dizziness, unconsciousness or death.

First Aid Procedures:
Skin: Wash affected area. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water for 15 minutes. Consult physician if irritation persists.
Inhalation: Remove to fresh air. Consult physician
Ingestion: DO NOT INDUCE vomiting. Consult physician

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use only in well ventilated area.

Ventilation: Adequate ventilation to keep vapor concentration below TLV.

Protective Gloves: Nitrile, polyethylene, latex, rubber, or vinyl gloves

Eyes: Safety glasses are recommended whenever chemicals are used

Other Protective Equipment: Apron, or respirator with organic vapor cartridge will depend on task.

Work/Hygienic Practices: Wash hands after use

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Waste disposal method: Any method in accordance with applicable laws.

Mop up or otherwise absorb w/inert absorbent material and hold for disposal. Place in properly labeled disposal container. Contain liquid to prevent cont. of soil, surface water, or ground water. Do not wash down drains.

Do not puncture or incinerate or reuse container. Wrap container and place in trash collection.

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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.