

Note: This template provides the minimum information elements for an SDS required by Schedule 1 of the Hazardous Products Regulations (HPR) (WHMIS 2015)

Safety Data Sheet

Superior Oil "70"

SECTION 1. IDENTIFICATION

Product Identifier: Superior Oil "70"
Registration Number: PCP# 9542
Material Used: Emulsified Spray Oil as severely hydro treated mineral oils with added emulsifier, used as dormant oil for agricultural spray.
Synonym: Not Available
Initial Supplier: N.M. Bartlett Inc.
4509 Bartlett Rd
Beamsville, ON Canada
L3J 0Z1
(905)563-8261
Emergency Telephone Number: CANUTEC (613) 996-6666

Recommended Use: Spray Oils are severely hydrotreated mineral oils used as dormant oils or as a carrier for formulated agricultural insecticide spray oils.

SECTION 2. HAZARD IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Aspiration hazard Category 1

Hazard pictograms



Signal Word Danger

Hazard statements May be fatal if swallowed and enters airways

Precautionary statements

Response: IF SWALLOWED-Immediately call a POISON CENTER/doctor. DO NOT induce vomiting

Storage: Store locked up

Disposal: Dispose of contents/container to an approved waste disposal plant

Other hazards: None known

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Potential Health Effects: Prolonged or repeated contact may cause skin irritation, drying and dermatitis. Not expected to cause more than slight skin or eye irritation. With its relatively low vapor pressure this product is not expected to be inhaled in any appreciable quantity at ambient conditions. If heated to high temperatures or subject to mechanical actions which produce vapours or mists, inhalation may cause respiratory tract irritation. If digested may produce a laxative effect. This product is colourless & odorless.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	% (W/W)	TLV-TWA (6 h)	STEL	CEILING
Mixture of severely hydro-treated and hydro-cracked base oil (petroleum) and other proprietary, non-hazardous additive		99	5 mg/m ³ (oil mist)	10 mg/m ³ (oil mist)	Not established

SECTION 4. FIRST AID MEASURES

Inhalation:

Gently move person to fresh air. If person is not breathing call **9 1 1** for an ambulance, then give artificial respiration preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

Skin Contact:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice. Wash skin thoroughly with soap and water or use recognized skin cleanser. Wash clothing before reuses. Seek medical advice.

Eye Contact:

Eyes open rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Ingestion:

Don't induce vomiting unless told to do so by a poison control center or doctor. Don't give **ANY** liquid to that person. Don't give anything by mouth to an unconscious person. Seek medical attention.

Most important symptoms and effects, both acute and delayed: First aider needs to protect himself

SECTION 5. FIRE - FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing: Not available

Flammability: Low fire hazard. This material must be heated before ignition will occur. May be combustible at high Temperatures.

Flammable Limits: Not Established

Flash Point: Open Cup 174°C (345.2 °F) (Cleveland)

Auto-Ignition Temperature: Not Established

Explosion Hazards in Presence of Various Substances: Do not weld, cut, heat, drill or pressurize empty containers. Containers may explode in heat of fire.

Specific hazards during firefighting: Cool closed containers exposed to fire with water spray

Hazardous combustion products: Carbon oxides (CO, CO₂), smoke and irritating vapours as products of incomplete combustion.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency

Procedures: Use personal protective equipment. Ensure proper ventilation. Evacuate personnel to safe areas. Material can create slippery conditions. Mark the contaminated area with signs and prevent access to unauthorized personnel. Only qualified personnel equipped with suitable protective equipment may intervene.

Environment precautions: Do not allow uncontrolled discharge of product into the environment.

Material Release or Spill: Check your local or provincial regulations for proper disposal. Flush the area with water to remove any residue. Non-sparking tools should be used. Avoid all sewers, streams, rivers and other water courses with spilled material. Use absorbent material to absorb spilled product. Ensure proper ventilation. Collect all absorbent material for later disposal.

SECTION 7. HANDLING AND STORAGE

Handling:

Remove clothing immediately, wash thoroughly and change into clean clothing. Avoid eating drinking, smoking or toilet, wash hands first. Do not inhale vapours or mists. When handling containers make sure there is no residue. Do not pressurize, cut or weld empty containers. In case of insufficient ventilation, wear suitable respiratory equipment. Do not ingest. Keep container closed when not in use.

Storage:

Store away from incompatible and reactive materials. Keep container tightly closed. Store in a cool, dry and well-ventilated area. When container opened must be carefully resealed and kept upright to prevent leakage. Ensure product is warmed to greater than 40°F (5°C) before blending.

Applicators and other Handlers:

Wear long sleeved shirts and long pants, chemical-resistant gloves, and shoes with socks. Use detergent and hot water to wash clothing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Individual Protection:



Engineering Controls:

For normal application, special ventilation is not necessary. If user's operations generate vapours or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Make-up air should always be supplied to balance air removed by exhaust ventilation. Ensure that eyewash station and safety shower are close to work-station.

Person Protection:

Eyes:

Wear face-shield and protective suit for abnormal processing problems

Body & Skin:

Wear appropriate clothing to prevent skin contact. As a minimum long sleeves and pants should be worn.

Respiratory:

Where concentrations in air may exceed the occupational exposure, limits given in Section 2 (and those applicable to your area) and where engineering, work practices or other means of exposure reduction are not adequate. NOISH approved respirators may be necessary to prevent overexpose by inhalation.

Hands:

Wear appropriate chemically protective gloves. When handling hot products ensure gloves are heat resistant and insulated.

Filter:

Organic vapour filter

Hand protection Material:

Neoprene, nitrile, polyvinyl alcohol (PVA), Viton

Protective measures:

Wash contaminated clothing before re-use. No special protective equipment required.

Hygiene measures:

Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash face, hands and any exposed skin thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid

Colour: Colourless to light yellow

Odour: Odorless or mild petroleum oil like

Odour Threshold: Not established

pH: Not available

Boiling Point: Not established

Flash point: 174°C (345°F), Method: Cleveland open cup

Fire point: Not available

Density: 0.8545 kg/l (15°C)

Evaporation Rate: Not available

Flammability (solid, gas): Low fire hazard. This material must be heated before ignition will occur

Auto-Ignition Temperature: Not available

Viscosity: 13.6 cSt (40°C), 3.2 cSt (100°C)

Vapour Pressure: No data available

Vapour Density: Not established

Relative density: Not available

Pour Point: -18°C (-0.40°F)

Solubility: Insoluble

Solubility Water solubility: Not available

Upper explosion limit/Upper flammability limit: Not available

Lower explosion limit/Lower flammability limit: Not available

Explosive properties: Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or source of ignition.

SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions: Hazardous polymerisation does not occur. Stable under normal conditions.

Conditions to avoid: Not available

Incompatible Substances/Conditions to Avoid: Strong oxidizing agents

Decomposition Products: May release COx, organic compounds, smoke and irritating vapours when heated to decomposition.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

x Inhalation **x** Skin contact **x** Eye contact **x** Ingestion

Acute Oral: (LD50): >5000 mg/kg (rat)

Acute Dermal: (LD50): > 2000 mg/kg (rabbit)

Acute Inhalation: (LC50) (rat):> 5.2 mg/l, Exposure time: 4 h, Test atmosphere: dust/mist

Skin Irritation: Not Established

Eye Irritation: Not Established

Respiratory or skin sensitisation: Not Established

Germ cell mutagenicity: Not Established

Carcinogenicity Potential: Not listed in OSHA, NTP, IARC or ACGIH

Reproductive toxicity: Not Established

STOT-single exposure: Not Established

STOT-repeated exposure: Not Established

SECTION 12. ECOLOGICAL INFORMATION

This product is toxic to fish. Don't apply directly to water, or to areas where water is present or to inter-tidal areas below the mean high-water mark. Don't apply where runoff is likely to occur. Don't contaminate water by cleaning the equipment or disposal of wastes. Refer to the label for the specifics of this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Refrain from reusing the containers for any purpose. Refillable Container: For disposal, the container may come back to the point of purchase. It must be refilled by the dealer/distributor with equal product. Container is recyclable, and is to be disposed of at a container collection site. Contact your local dealer/distributor for the location nearest to you. Pressure wash your container a few times while adding rinsate to the spray tank. If you cannot find a suitable disposal site, look at your Provincial requirements agreement. Do not contaminate water, food, or feed by storage or disposal. Contact your Manufacturer or Provincial Regulatory Agency for information on disposal of unused or unwanted products.

SECTION 14. TRANSPORT INFORMATION

DOT/TDG Shipping Description: Not Regulated

IMDG Shipping Description: Not Regulated

U.S Surface Freight Classification: Adhesives, Adjuvant, Spreaders or Stickers
(NMFC 4610, Class 60)

TDG: Not Regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Consult appropriate ICA/IATA regulations for shipment requirements in the Air shipping mode.

SECTION 15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:

NFPA		HMIS
1 – Health	1 - Least	1 - Health
1 – Flammability	1 - Slight	1 - Flammability
0 – Instability	1 - Moderate	0 - Reactivity
	1 - High	G - PPE
	1 - Severe	

SARA Hazard Notification/Reporting

SARA Title III Hazard Category:

Immediately Y	Fire N	Sudden Release of Pressure N
Delayed N	Reactive N	

Reportable Quantity (RQ) under U.S. CERCLA: Not Listed

SARA, Title III, Section 313: Not Listed

RCRA Waste Code: Not Listed

CA Proposition 65: Not Listed

SECTION 16. OTHER INFORMATION

For additional information, contact your technical Sales Representative. For additional Health & Safety information, call N.M. Bartlett Inc. at 905-563-8261.

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N.M. Bartlett Inc. assumes no responsibility for injury from the use of the product described herein.

Date of Latest Revision: May 7, 2024

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