



SAFETY DATA SHEET

49N PREMIUM CUTTING OIL

Revision Date: 06-20-2018

Section 1. Identification

Product Identifier

Product Name 49N Premium Cutting Oil
Common Name Cutting Oil
Product Code(s) 39216

Recommended or Restricted Uses

Recommended Use Industrial Oil
Restricted Use Not Applicable

Canadian Supplier

Supplier 49 North Lubricants
6611 45th Street,
Leduc, Alberta
T9E 7E3
Canada
Tel: (780) 986-9260
Fax: (780) 986-9650

Emergency Telephone Number

Emergency Telephone CHEMTREC: 1-800-424-9300

Section 2. Hazard Identification

Hazard Classification

WHMIS Regulatory Status Not Regulated

Physical Hazards Not Classified
Health Hazards Not Classified
Environmental Hazards Not Classified

Label Elements Not Applicable

Other Hazards Not Applicable

Section 3. Composition / Information on Ingredients

Composition

Component	Solvent Refined Residuum	Petroleum Additives
CAS Registry #	64742-01-04	Mixture
Concentration	10-85%	1-80%

Section 4. First Aid Measures

Route of Exposure

Inhalation: Move affected person to fresh air and keep warm and at rest. If breathing becomes difficult, properly trained personnel can assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing continues.

Skin Contact: Rinse affected area with soap and water.

Eye Contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes

Ingestion: Do not induce vomiting. Seek medical advice.

Most Important Systems and Effects

Inhalation:	May Cause: Coughing, Chest Tightness
Skin Contact:	May Cause: Temporary Skin Irritation
Eye Contact:	May Cause: Irritation or Redness in Eyes
Ingestion:	May Cause: Discomfort

Immediate Medical Attention and Special Treatment

Note for the Doctor	Treat Symptomatically
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Section 5. Fire-Fighting Measures

Extinguishing Media

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, this can spread the fire.

Specific Hazards Arising from the Hazardous Product

Specific hazards	Containers can burst violently or explode when heated. Contains Hydrocarbons. The product is immiscible with water and will spread on the water surface.
Hazardous combustion products	Hydrocarbons. Carbon Monoxide (CO). Carbon Dioxide (CO ₂).

Advice for Firefighters

Protective actions during firefighting	Avoid breathing gases or vapours. Evacuate the area. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
Special protective equipment for firefighters	Not Applicable.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions	Keep unnecessary and unprotected personnel away from spillage. Wear protective clothing as described in Section 8. Follow safe handling as described in Section 7. Wash thoroughly after dealing with a spill. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.
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Methods and Material for Containment and Cleaning Up

Methods for cleaning up	Absorb spillage with non-combustible, absorbent material. For small spillages: wipe up with an absorbent cloth. Avoid discharge into drains or watercourses or onto the ground. For large spillages: Contain the spilled material, use non-combustible material to absorb the spill, removed and dispose of contaminated material with a licensed waste disposal site. If environmental pollution occurs (sewers, waterways, soil or air) inform the relevant authorities. Large spills may require pumping of water or excavation of soil to clean up.
Methods for containment	Use berms, skimmers, and absorbent to contain the spillage where appropriate. Remove all ignition sources from the area.

Section 7. Handling and Storage

Precautions for Safe Handling

Usage precautions	Read and follow manufacturer's recommendations. Wear PPE as described in Section 8. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash before eating, drinking or smoking. Handle all packages and containers carefully. Keep all containers tightly sealed when not in use.
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Conditions for Safe Storage, Including any Incompatibilities

Storage Precautions	Store away from incompatible materials listed in Section 10. Store in accordance with local regulations. Keep containers in a cool, well ventilated location.
Storage Class	Not Applicable

Section 8. Exposure Controls / Personal Protection

Control Parameters

Occupational Exposure Limits 5 mg / m³

Appropriate Engineering Controls

Engineering controls Provide adequate ventilation. Use engineered ventilation as the primary means to minimize worker exposure.

Individual Protection Measures

General	All personal protective equipment (PPE) should comply with Canada OH&S Regulations (SOR/86-304)
Eye/Face protection	Recommended: Safety glasses. Where splash hazards exist use a face shield as well.
Hand protection	Recommended: Nitrile gloves.
Body protection	Recommended: Long sleeved coveralls.
Respiratory protection	If engineered ventilation is inadequate, use a NIOSH-certified respirator with a dual cartridge for organic vapor and P95 particulates.

Section 9. Physical and Chemical Properties

Physical Properties

Physical State	Liquid
Colour	Amber
Odour	Mild Petroleum
Odour threshold	Not Available

Chemical Properties

pH	Not Available
Melting point / freezing point	Not Available
Flash point	> 260°C (Method: Closed Cup)
Evaporation rate	Not Available
Flammability (solid; gas)	Not Available
Lower Explosive Limit	Not Available
Upper Explosive Limit	Not Available
Vapour pressure	< 0.01 mmHg @ 37.8°C
Vapour density	> 1 (Air = 1)
Relative density	0.86 – 0.90
Solubility	Insoluble in water
Partition coefficient: n-octanol/water	Not Available
Decomposition temperature	Not Available
Viscosity	1000 – 1700 cSt @ 40°C

Section 10. Stability and Reactivity

Reactivity	Not Available
Stability	Stable under normal conditions and use
Possibility of hazardous reactions	Not Applicable
Conditions to avoid	Not Applicable
Incompatible Materials	Oxidizing Agents,
Hazardous decomposition products	No hazardous decomposition products under normal conditions and use

Section 11. Toxicological Information

Routes of Exposure	Ingestion, Inhalation, Skin/Eye Contact
<u>Symptoms</u>	
Physical	Skin/Eye contact may cause irritation or redness Ingestion may cause discomfort
Chemical	No Available Data
Toxicological	No Available Data
<u>Exposure Effects</u>	
Delayed Effects	No Available Data
Chronic Effects	No Available Data
<u>Acute Toxicity Estimates (ATE)</u>	
ATE oral (mg/kg)	No Available Data
ATE dermal (mg/kg)	No Available Data
ATE inhalation (mg/L)	No Available Data

Section 12. Ecological Information

No Available Data.

Section 13. Disposal Considerations

No Available Data. Follow Local Regulations.

Section 14. Transport Information

Not Applicable.

Section 15. Regulatory Information

Not Applicable.

Section 16. Other Information

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SDS Number(s)	39216
Disclaimer:	The information contained herein is accurate to the best of our knowledge.