



## SAFETY DATA SHEET

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### Section 1 – Product & Company Identification

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Product Name:  
RIDGID Extreme Performance Thread Cutting Oil (Canada)

Product Catalog No.:  
74012, 74047, 76767

Recommended Use:  
Thread Cutting

Restrictions on Use:  
Industrial use only

Issue Date: August 17, 2018

Revision: K

**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

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## Section 2 – Hazards Identification

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### Hazard Classification

#### Health Hazards

Serious Eye Damage/Eye Irritation      Category 2A

#### Unknown toxicity - Health

Acute toxicity, oral                              31.6 %

Acute toxicity, dermal                            8 %

Acute toxicity, inhalation, vapor            48.1 %

Acute toxicity, inhalation, dust            44.8 %

or mist

% of the mixture consists of an ingredient or ingredients of unknown acute toxicity

### Label Elements

#### Hazard Symbol:



**Signal Word:**                                      Warning

**Hazard Statement:**                            Causes serious eye irritation.

#### Precautionary Statements

**Prevention:**                                      Wash thoroughly after handling. Wear eye protection/face protection.

**Response:**                                        IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Other hazards which do not result in GHS classification:**      None.



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

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### Section 3 – Composition / Information On Ingredients

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#### Mixtures

| Chemical Identity   | Common name and synonyms | CAS number | Content in percent (%)* |
|---|--------------------------|------------|-------------------------|
| Paraffin oils   | Paraffin oils,           | 64742-70-7 | 15 - 40%                |
| Distillates, hydrotreated heavy paraffinic                | Mineral oil,             | 64742-54-7 | 10 - 30%                |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | Mineral oil,             | 64742-65-0 | 10 - 30%                |
| Zinc compound   |                          | 4259-15-8  | 3 - 7%                  |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** This product does not contain silicone or chlorinated additives.

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### Section 4 – First Aid Measures

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**Ingestion:** Rinse mouth thoroughly. Call a POISON CENTER/doctor if you feel unwell. Do NOT induce vomiting.

**Inhalation:** Move to fresh air. Call a POISON CENTER/doctor if you feel unwell.

**Skin Contact:** Remove contaminated clothing and shoes. Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

#### Most important symptoms/effects, acute and delayed

**Symptoms:** No data available.

**Hazards:** No data available.

#### Indication of immediate medical attention and special treatment needed

**Treatment:** Get medical attention if symptoms occur.

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### Section 5 – Fire Fighting Measures

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**General Fire Hazards:** No unusual fire or explosion hazards noted.

#### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Water spray, fog, CO<sub>2</sub>, dry chemical, or regular foam. Use fire-extinguishing media appropriate for surrounding materials.



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

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**Unsuitable extinguishing media:**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:**

Heat may cause the containers to explode. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:**

No data available.

**Special protective equipment for fire-fighters:**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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**Section 6 – Accidental Release Measures**

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**Personal precautions, protective equipment and emergency procedures:**

See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. Ensure adequate ventilation.

**Methods and material for containment and cleaning up:**

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike far ahead of larger spill for later recovery and disposal.

**Environmental Precautions:**

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

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**Section 7 – Handling And Storage**

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**Precautions for safe handling:**

Observe good industrial hygiene practices. Do not get in eyes. Wash hands thoroughly after handling. Avoid contact with skin.

**Conditions for safe storage, including any incompatibilities:**

Keep container tightly closed. Store locked up. Store in a well-ventilated place. Shelf Life: 360 Days



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

**Section 8 – Exposure Controls / Personal Protection**

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity   | Type       | Exposure Limit Values | Source  |
|---|------------|-----------------------|---|
| Paraffin oils - Mist.   | TWA        | 1 mg/m3               | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013) |
|   | TWA        | 0.2 mg/m3             | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013) |
| Paraffin oils - Mist.   | TWA        | 5 mg/m3               | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)  |
|   | STEL       | 10 mg/m3              | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)  |
| Paraffin oils - Inhalable fraction.                               | TWA        | 5 mg/m3               | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
|   | TWA        | 5 mg/m3               | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
| Paraffin oils - Inhalable fraction.                               | TWA        | 5 mg/m3               | US. ACGIH Threshold Limit Values (03 2014)  |
| Distillates, hydrotreated heavy paraffinic - Mist.                | TWA        | 1 mg/m3               | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013) |
| Distillates, hydrotreated heavy paraffinic - Inhalable fraction.  | TWA        | 5 mg/m3               | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
|   | TWA        | 5 mg/m3               | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
| Distillates, hydrotreated heavy paraffinic - Mist.                | STEL       | 10 mg/m3              | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)  |
|   | TWA        | 5 mg/m3               | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic - Mist. | TWA        | 5 mg/m3               | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
|   | STEL       | 10 mg/m3              | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic         | 8 HR ACL   | 5 mg/m3               | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)  |
|   | 15 MIN ACL | 10 mg/m3              | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic - Mist. | TWA        | 5 mg/m3               | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)  |
|   | STEL       | 10 mg/m3              | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)  |



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

|   |     |         |   |
|---|-----|---------|---|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic - Mist.               | TWA | 1 mg/m3 | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013) |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic - Inhalable fraction. | TWA | 5 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
|   | TWA | 5 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |

**Appropriate Engineering Controls** No data available.

**Individual protection measures, such as personal protective equipment**

**General information:** Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection**

**Hand Protection:** No data available.

**Other:** Wear protective clothing appropriate for the risk of exposure. Be aware of other hazards such as rotating parts. Contact health and safety professional or manufacturer for specific information.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from supervisor on the company's respiratory protection standards.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

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**Section 9 – Physical And Chemical Properties**

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**Appearance**

|                        |                        |
|------------------------|------------------------|
| <b>Physical state:</b> | Liquid                 |
| <b>Form:</b>           | No data available.     |
| <b>Color:</b>          | Amber                  |
| <b>Odor:</b>           | Mild petroleum/solvent |
| <b>Odor threshold:</b> | No data available.     |
| <b>pH:</b>             | No data available.     |



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

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| <b>Melting point/freezing point:</b>                         | No data available.                             |
| <b>Initial boiling point and boiling range:</b>              | No data available.                             |
| <b>Flash Point:</b>  | 196.11 °C                                      |
| <b>Evaporation rate:</b>                                     | No data available.                             |
| <b>Flammability (solid, gas):</b>                            | No data available.                             |
| <b>Upper/lower limit on flammability or explosive limits</b> |  |
| <b>Flammability limit - upper (%):</b>                       | No data available.                             |
| <b>Flammability limit - lower (%):</b>                       | No data available.                             |
| <b>Explosive limit - upper (%):</b>                          | No data available.                             |
| <b>Explosive limit - lower (%):</b>                          | No data available.                             |
| <b>Vapor pressure:</b>                                       | No data available.                             |
| <b>Vapor density:</b>  | No data available.                             |
| <b>Density:</b>  | No data available.                             |
| <b>Relative density:</b>                                     | 0.88   |
| <b>Solubility(ies)</b>                                       |  |
| <b>Solubility in water:</b>                                  | Insoluble                                      |
| <b>Solubility (other):</b>                                   | No data available.                             |
| <b>Partition coefficient (n-octanol/water):</b>              | No data available.                             |
| <b>Auto-ignition temperature:</b>                            | No data available.                             |
| <b>Decomposition temperature:</b>                            | No data available.                             |
| <b>Viscosity:</b>  | 38 mm <sup>2</sup> /s (40 °C, Measured)        |
| <b>Other information</b>                                     |  |
| <b>VOC:</b>  | 1.99 % (Method 24)<br>6.1 g/l (ASTM E 1868-10) |

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**Section 10 – Stability And Reactivity**

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| <b>Reactivity:</b>                         | Not reactive during normal use.  |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.  |
| <b>Possibility of hazardous reactions:</b> | None under normal conditions.  |
| <b>Conditions to avoid:</b>                | Avoid heat or contamination.   |
| <b>Incompatible Materials:</b>             | No data available.   |
| <b>Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Contains a component which may release flammable substances, including trimethylpentene, by distillation in systems with solvent recovery. This may lead to accumulation in the solvent circuit. |



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

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## Section 11 – Toxicological Information

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### Information on likely routes of exposure

- Inhalation:** Inhalation is the primary route of exposure. In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
- Skin Contact:** Prolonged or repeated skin contact may cause drying, cracking, or irritation.
- Eye contact:** Causes serious eye irritation.
- Ingestion:** May be ingested by accident. Ingestion may cause irritation and malaise. May be harmful if swallowed.

### Symptoms related to the physical, chemical and toxicological characteristics

- Inhalation:** No data available.
- Skin Contact:** No data available.
- Eye contact:** No data available.
- Ingestion:** No data available.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

- Oral**  
**Product:** Not classified for acute toxicity based on available data.
- Dermal**  
**Product:** Not classified for acute toxicity based on available data.
- Inhalation**  
**Product:** Not classified for acute toxicity based on available data.

#### Delayed and immediate effects, including chronic effects from short- and long-term exposure

- Product:** No data available.
- Skin Corrosion/Irritation**  
**Product:** No data available.
- Serious Eye Damage/Eye Irritation**  
**Product:** No data available.
- Respiratory or Skin Sensitization**  
**Product:** No data available.
- Carcinogenicity**  
**Product:** No data available.



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

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**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**ACGIH Carcinogen List:**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:**

No data available.

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**Section 12 – Ecological Information**

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**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.



**Product Name: RIDGID Extreme Performance Thread Cutting Oil (Canada)**

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**Persistence and Degradability**

**Biodegradation Product:** No data available.

**BOD/COD Ratio Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF) Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow) Product:** No data available.

**Mobility in soil:** No data available.  
**Other adverse effects:** No data available.

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**Section 13 – Disposal Consideration**

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**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.

**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**Section 14 – Transportation Information**

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**TDG**  
Not regulated.

**IMDG**  
Not regulated.

**IATA**  
Not regulated.

