



SAFETY DATA SHEET

Section 1 – Product & Company Identification

Product Name: RIDGID Nu-Clear Thread Cutting Oil (United States)

Product Catalog No.: 11461, 11481, 41575, 41585, 42513, 70835

Recommended Use: Thread Cutting

Restrictions on Use: Industrial use only

Company Information:

<u>North America</u> Ridge Tool Company 400 Clark Street Elyria, Ohio 44035-6001 1-800-519-3456 (8:00 am – 5:00 pm EST, M-F) Emergency Telephone call 9-1-1 or local emergency number www.RIDGID.com	<u>Australia</u> Ridge Tool Australia 127 Metrolink Circuit Campbellfield, VIC 3061 1-800-743-443 (8:30 am – 5:00 pm AEST, M-F) Emergency Telephone call 000 or local emergency number www.RIDGID.com.au
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Operating Standard: 6-101

Revision: M

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Section 2 – Hazards Identification

Hazard Classification Not classified as hazardous under GHS

Label Elements

Hazard Symbol: No symbol
Signal Word: No signal word
Hazard Statement: Not applicable
Precautionary Statements Not applicable

Other hazards which do not result in GHS classification: None

Section 3 – Composition / Information On Ingredients

General information: This product does not contain silicone or chlorinated additives.

Hazardous Component(s):

Chemical name	CAS-No.	Concentration
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	20 - <50%
Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7	20 - <50%
Soybean oil	8001-22-7	1 - <5%

Specific chemical identities and/or exact percentages have been withheld as trade secrets.



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Section 4 – First Aid Measures

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:	Flush thoroughly with water. If irritation occurs, get medical assistance. Continue to rinse for at least 15 minutes.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Get medical attention if symptoms occur.

Section 5 – Fire Fighting Measures

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

Suitable (and unsuitable) extinguishing media

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



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Special protective equipment and precautions for fire-fighters

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.

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.
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Methods and material for containment and cleaning up:	Absorb with sand or other inert absorbent. Stop the flow of material, if this is without risk.
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Environmental Precautions:	Avoid release to the environment. 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

Precautions for safe handling:	Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Do not expose to intense heat as product may expand and pressurize container.
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Conditions for safe storage, including any incompatibilities:	Shelf Life: 720 Days Store in original tightly closed container. Avoid contact with oxidizing agents. Store away from incompatible materials.
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Section 8 – Exposure Controls / Personal Protection

Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Distillates (petroleum), hydrotreated heavy paraffinic - Mist.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (01 2017)
Distillates (petroleum), hydrotreated heavy paraffinic - Mist.	TWA	5 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
Paraffin oils (petroleum), catalytic dewaxed heavy - Inhalable fraction.	TWA	5 mg/m ³	US. ACGIH Threshold Limit Values, as amended (03 2014)
Paraffin oils (petroleum), catalytic dewaxed heavy - Mist.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Paraffin oils (petroleum), catalytic dewaxed heavy - Mist.	TWA	5 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
Soybean oil - Total dust.	PEL	15 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Soybean oil - Respirable fraction.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)

Protective Measures: Use personal protective equipment as required.

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

Eye Protection: Wear safety glasses with side shields (or goggles).

Skin and Body Protection: 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. Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

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



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cannot be cleaned.

Section 9 – Physical And Chemical Properties

Appearance:

Physical state:

liquid

Form:

No data available

Color:

Yellow

Odor:

Mild petroleum/solvent

Odor threshold:

No data available

pH:

No data available

Melting point/freezing point:

No data available

Initial boiling point and boiling range:

No data available

Flash Point:

196.11 °C (385.00 °F)

Evaporation rate:

No data available

Flammability (solid, gas):

No data available

Upper/lower limit on flammability or explosive limits:

Flammability limit - upper (%):

No data available

Flammability limit - lower (%):

No data available

Explosive limit - upper:

No data available

Explosive limit - lower:

No data available

Vapor pressure:

No data available

Vapor density:

No data available

Relative density:

0.878

Solubility(ies):

Solubility in water:

Insoluble

Solubility (other):

No data available

Partition coefficient (n-octanol/water):

No data available

Auto-ignition temperature:

No data available

Decomposition temperature:

No data available

Viscosity:

43 mm²/s (40 °C,
Measured)

Other information :

VOC:

1.1 % (Method 24)

9.4 g/l (ASTM E 1868-10)



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Section 10 – Stability And Reactivity

Reactivity:	Not reactive during normal use.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	None under normal conditions.
Conditions to avoid:	Avoid heat or contamination.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	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.

Section 11 – Toxicological Information

Information on likely routes of exposure

Ingestion:	May be ingested by accident. Ingestion may cause irritation and malaise.
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 skin contact may cause redness and irritation.



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Eye contact:	Eye contact is possible and should be avoided.
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Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
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Inhalation:	No data available.
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Skin Contact:	No data available.
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Eye contact:	No data available.
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Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product:	ATEmix (): 2000 - 5000 mg/kg
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Dermal Product:	ATEmix (): 2000 - 5000 mg/kg
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Inhalation Product:	No data available.
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Repeated dose toxicity Product:	No data available.
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Skin Corrosion/Irritation Product:	No data available.
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Serious Eye Damage/Eye Irritation Product:	No data available.
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Respiratory or Skin Sensitization Product:	No data available.
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Carcinogenicity Product:	No data available.
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IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:	No carcinogenic components identified
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US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components
identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as
amended:**

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.

Section 12 – Ecological Information
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General information:

This product has not been evaluated
for ecological toxicity or other
environmental effects.



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Section 13 – Disposal Consideration

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.

Section 14 – Transportation Information

DOT

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

Section 15 – Regulatory Information

US Federal Regulations

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)



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Hazard categories

Not classified as hazardous under GHS

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.



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Section 16 – Other Information

Prepared by:..... Ridge Tool Company

OPSTD 6-101

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