



**SAFETY DATA SHEET**

Sid Harvey item # T643-2

SDS # Z0224

**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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Issue Date: May 2, 2018

Revision: K



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

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## Section 2 – Hazards Identification

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### Hazard Classification

This product is classified as not hazardous per US OSHA 29CFR 1910.1200 (HazCom 2012)

### 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.

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## Section 3 – Composition / Information On Ingredients

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

### Hazardous Component(s):

Chemical name	CAS-No.	Concentration
Mineral oil	Confidential	20 - <50%
Paraffin oils	Confidential	20 - <50%
Vegetable oil	Confidential	1 - <5%

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



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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:** 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.

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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.

**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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<b>Personal precautions, protective equipment and emergency procedures:</b>	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.
<b>Methods and material for containment and cleaning up:</b>	Absorb with sand or other inert absorbent. Stop the flow of material, if this is without risk.
<b>Environmental Precautions:</b>	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**

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



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

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**Exposure Limits**

Chemical name	Type	Exposure Limit Values	Source
Mineral oil - Mist.	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (01 2017)
Mineral oil - Mist.	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Paraffin oils - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (03 2014)
Paraffin oils - Mist.	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Paraffin oils - Mist.	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Vegetable oil - Total dust.	PEL	15 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Vegetable oil - Respirable fraction.	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (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.
- 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**

- 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.



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<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash Point:</b>	196.11 °C (385.00 °F)
<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>Relative density:</b>	0.878
<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>	43 mm <sup>2</sup> /s (40 °C, Measured)
<b>Other information</b>	
<b>VOC:</b>	1.1 % (Method 24) 9.4 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.

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**Section 11 – Toxicological Information**

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**Information on likely routes of exposure**

**Ingestion:** May be ingested by accident. Ingestion may cause irritation and malaise.



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- 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.
- Eye contact:** Eye contact is possible and should be avoided.

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

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

- Repeated dose toxicity**  
**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.

**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



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**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

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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**General information:** This product has not been evaluated for ecological toxicity or other environmental effects.

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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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**DOT**

Not regulated.

**IMDG**

Not regulated.

**IATA**

Not regulated.

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**Section 15 – Regulatory Information**

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**US Federal Regulations**

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

This product is classified as not hazardous per US OSHA 29CFR 1910.1200 (HazCom 2012)

**SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.



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**Section 16 – Other Information**

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Prepared by: . . . . . Ridge Tool Company (Operating Standard 6-101)

Issue Date: . . . . . May 2, 2018

Last Revision Date: . . . . . March 8, 2017

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## FICHE SANTÉ/SÉCURITÉ

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### 1 – Identification du produit et du fournisseur

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Produit:  
RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)

Réf. catalogue:  
11461, 11481, 41575, 41585, 42513, 70835

Emploi recommandé:  
Filetage mécanique

Restrictions d'utilisation:  
Usage industriel seulement

Fournisseur:

<p><u>North America</u> Ridge Tool Company 400 Clark Street Elyria, Ohio 44035-6001 1-800-519-3456 (Etats-Unis) (du lundi au vendredi de 8h à 17h EST) Téléphone d'urgence: composer le 9-1-1 ou appeler les services d'urgences appropriés <a href="http://www.RIDGID.com">www.RIDGID.com</a></p>
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Date de publication: le 2 mai 2018

Révision K

## Produit: RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)

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### 2 – Identification des risques

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**Classe de Danger**

Ce produit est classé comme non dangereux selon la norme américaine OSHA 29CFR 1910.1200 (HazCom 2012)

**Éléments d'Étiquetage**

<b>Symbole de Danger:</b>	Aucun symbole
<b>Mention d'Avertissement:</b>	Aucun mot indicateur.
<b>Mention de Danger:</b>	Non applicable
<b>Conseils de Prudence</b>	Non applicable

**Autres dangers ne donnant pas lieu à classement selon le SGH:** Aucun(e).

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### 3 – Composition du produit et renseignements sur ses ingrédients

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**Informations générales:** Ce produit ne contient pas de silicone ou d'additifs chlorés.

**Composant(s) dangereux:**

Désignation chimique	N° CAS	Concentration
Mineral oil	Confidentiel	20 - <50%
Paraffin oils	Confidentiel	20 - <50%
Vegetable oil	Confidentiel	1 - <5%

Les identités chimiques spécifiques et/ou les pourcentages exacts ont été refusées comme les secrets commerciaux.

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### 4 – Premiers soins

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<b>Ingestion:</b>	Rincer soigneusement la bouche. Appeler un CENTRE ANTIPOISON/un médecin en cas de malaise. NE PAS faire vomir.
<b>Inhalation:</b>	Transporter à l'air frais. Appeler un CENTRE ANTIPOISON/un médecin en cas de malaise.
<b>Contact avec la Peau:</b>	Enlever les vêtements et les chaussures contaminés. Laver les zones de contact à l'eau et au savon. En cas d'irritation cutanée: consulter un médecin.

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**Contact oculaire:** Rincer avec soin à l'eau. En cas d'irritation, consulter un médecin. Continuer à rincer pendant au moins 15 minutes.

**Symptômes/effets les plus importants, aigus et différés**

**Symptômes:** Aucune information disponible.

**Indication d'un besoin médical immédiat et traitement spécial requis**

**Traitement:** Consulter un médecin en cas de symptômes.

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**5 – Lutte contre les incendies**

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**Dangers d'Incendie Généraux:** Aucun risque exceptionnel d'incendie et d'explosion.

**Moyens d'extinction appropriés (et inappropriés)**

**Moyens d'extinction appropriés:** Eau pulvérisée, brouillard, CO<sub>2</sub>, agent chimique sec ou mousse standard. Choisir le moyen d'extinction de l'incendie en tenant compte d'autres produits chimiques éventuels.

**Moyens d'extinction inappropriés:** Ne pas lutter contre l'incendie au jet d'eau pour ne pas propager les flammes.

**Dangers spécifiques dus au produit chimique:** La chaleur peut provoquer l'explosion des récipients. En cas d'incendie, des gaz dangereux pour la santé peuvent se former.

**Équipement de protection spécial et précautions pour les pompiers**

**Procédures spéciales de lutte contre l'incendie:** Aucune information disponible.

**Équipement de protection spécial pour le personnel préposé à la lutte contre le feu:** Les pompiers doivent porter un équipement de protection standard, notamment vêtement ignifuge, casque à masque facial, gants, bottes en caoutchouc et, dans les espaces clos, un appareil respiratoire autonome.

**Produit: RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)**

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**6 – Lutte contre les déversements accidentels**

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<b>Précautions individuelles, équipement de protection et procédures d'urgence:</b>	Voir l'équipement de protection individuelle à la Section 8. Ne pas toucher les récipients endommagés ou le produit déversé à moins de porter les vêtements de protection appropriés. Maintenir à distance le personnel non autorisé. Assurer une ventilation adéquate.
<b>Méthodes et matériel de confinement et de nettoyage:</b>	Absorber le produit avec du sable ou un autre absorbant inerte. Arrêter le débit de matière, si ceci est sans risque.
<b>Précautions pour la Protection de l'Environnement:</b>	Éviter le rejet dans l'environnement. Ne pas contaminer les sources d'eau ou les égouts. Endiguer la fuite ou le déversement si cela peut être fait sans danger.

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**7 – Manipulation et stockage**

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<b>Précautions à prendre pour une manipulation sans danger:</b>	Se conformer aux bonnes pratiques d'hygiène industrielle. Porter un équipement de protection personnelle approprié. N'exposez pas à la chaleur intense comme le produit peut développer et pressuriser le récipient.
<b>Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités:</b>	Conserver dans le récipient d'origine hermétiquement fermé. Éviter tout contact avec des agents comburants. Conserver à l'écart des matières incompatibles. Durée de conservation: 720 jours

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**8 – Risques d'exposition et protection individuelle**

**Limites d'Exposition**

Désignation chimique	Type	Valeurs Limites d'Exposition	Source
Mineral oil - Brouillard	PEL	5 mg/m <sup>3</sup>	Les Etats-Unis. La Table d'OSHA z-1 les Limites pour les Polluants Aériens (29 CFR 1910.1000) (01 2017)
Mineral oil - Brouillard	TWA	5 mg/m <sup>3</sup>	Les Etats-Unis. La Table d'OSHA z-1 les Limites pour les Polluants Aériens (29 CFR 1910.1000) (1989)
Paraffin oils - Fraction inhalable.	TWA	5 mg/m <sup>3</sup>	Les Etats-Unis. Valeurs de Limite de Seuil d'ACGIH (03 2014)
Paraffin oils - Brouillard	PEL	5 mg/m <sup>3</sup>	Les Etats-Unis. La Table d'OSHA z-1 les Limites pour les Polluants Aériens (29 CFR 1910.1000) (02 2006)
Paraffin oils - Brouillard	TWA	5 mg/m <sup>3</sup>	Les Etats-Unis. La Table d'OSHA z-1 les Limites pour les Polluants Aériens (29 CFR 1910.1000) (1989)
Vegetable oil - poussière totales	PEL	15 mg/m <sup>3</sup>	Les Etats-Unis. La Table d'OSHA z-1 les Limites pour les Polluants Aériens (29 CFR 1910.1000) (02 2006)
Vegetable oil - Fraction alvéolaire.	PEL	5 mg/m <sup>3</sup>	Les Etats-Unis. La Table d'OSHA z-1 les Limites pour les Polluants Aériens (29 CFR 1910.1000) (02 2006)

**Mesures de protection:**

Utiliser l'équipement de protection individuel requis.

**Protection respiratoire:**

En cas de ventilation insuffisante, porter un appareil respiratoire approprié. Demander l'avis du superviseur sur les normes de protection respiratoire de la société.

**Protection des Yeux:**

Porter des lunettes de sécurité à écrans latéraux ou des lunettes étanches.

**Protection de la peau et du corps:**

Porter des vêtements de protection appropriés au risque d'exposition. Soyez conscient des autres dangers tels que les pièces en rotation. Contacter un professionnel de la santé et de la sécurité ou un fabricant pour obtenir des informations spécifiques.

**Mesures d'hygiène:**

Toujours adopter de bonnes pratiques d'hygiène personnelle, telles que lavage après manipulation de la substance et avant de manger, de boire ou de fumer. Laver régulièrement la tenue de travail pour éliminer les contaminants. Mettre au rebut les chaussures qui ne peuvent pas être lavées.

Produit: RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)

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**9 – Caractéristiques physiques et chimiques**

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**Aspect**

**État:**

Liquide

**Forme:**

Aucune information disponible.

**Couleur:**

Jaune

**Odeur:**

Légère, Pétrole/solvant

**Seuil de perception de l'odeur:**

Aucune information disponible.

**pH:**

Aucune information disponible.

**Point de fusion/point de congélation:**

Aucune information disponible.

**Température d'ébullition initiale et intervalle d'ébullition:**

Aucune information disponible.

**Point d'éclair:**

196.11 °C (385.00 °F)

**Taux d'évaporation:**

Aucune information disponible.

**Inflammabilité (solide, gaz):**

Aucune information disponible.

**Limites supérieures/inférieures d'inflammabilité ou d'explosivité**

**Limites d'inflammabilité - supérieure (%):**

Aucune information disponible.

**Limites d'inflammabilité - inférieure (%):**

Aucune information disponible.

**Limites d'explosivité - supérieure (%) :**

Aucune information disponible.

**Limites d'explosivité - inférieure (%):**

Aucune information disponible.

**Pression de vapeur:**

Aucune information disponible.

**Densité de vapeur:**

Aucune information disponible.

**Densité relative:**

0.878

**Solubilités**

**Solubilité dans l'eau:**

Insoluble

**Solubilité (autre):**

Aucune information disponible.

**Coefficient de partition (n-octanol/eau):**

Aucune information disponible.

**Température d'auto-inflammation:**

Aucune information disponible.

**Température de décomposition:**

Aucune information disponible.

**Viscosité:**

43 mm<sup>2</sup>/s (40 °C, Mesurée)

**AUTRES INFORMATIONS**

**VOC:**

1.1 % (Method 24)

9.4 g/l (ASTM E 1868-10)



**Produit: RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)**

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**10 – Stabilité et réactivité**

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<b>Réactivité:</b>	Non réactif pendant l'utilisation normale.
<b>Stabilité Chimique:</b>	Ce produit est stable dans des conditions normales.
<b>Possibilité de Réactions Dangereuses:</b>	Aucun(e)(s) dans les conditions normales.
<b>Conditions à Éviter:</b>	Éviter tout chauffage ou contamination.
<b>Matières Incompatibles:</b>	Aucune information disponible.
<b>Produits de Décomposition Dangereux:</b>	La décomposition thermique ou la combustion peut libérer des oxydes de carbone et d'autres gaz ou vapeurs toxiques.

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**11 – Données toxicologiques**

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**Informations sur les voies d'exposition probables**

<b>Ingestion:</b>	Peut être ingéré par accident. L'ingestion peut provoquer irritation et malaises.
<b>Inhalation:</b>	L'inhalation est la principale voie d'exposition. À concentration élevée, les vapeurs, émanations ou brouillards peuvent être irritants pour le nez, la gorge et les muqueuses.
<b>Contact avec la Peau:</b>	Le contact prolongé avec la peau peut entraîner des rougeurs et de l'irritation.
<b>Contact oculaire:</b>	Le contact oculaire est possible ; il doit être évité.

**Symptômes liés aux caractéristiques physiques, chimiques et toxicologiques**

<b>Ingestion:</b>	Aucune information disponible.
<b>Inhalation:</b>	Aucune information disponible.
<b>Contact avec la Peau:</b>	Aucune information disponible.
<b>Contact oculaire:</b>	Aucune information disponible.

**Informations sur les effets toxicologiques****Toxicité aiguë (répertoire toutes les voies d'exposition possibles)**

<b>Ingestion Produit:</b>	Non classé comme présentant une toxicité aiguë d'après les données disponibles.
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## Produit: RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)

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### Contact avec la peau

**Produit:**

Non classé comme présentant une toxicité aiguë d'après les données disponibles.

### Inhalation

**Produit:**

Non classé comme présentant une toxicité aiguë d'après les données disponibles.

### Toxicité à dose répétée

**Produit:**

Aucune information disponible.

### Corrosion ou Irritation de la Peau

**Produit:**

Aucune information disponible.

### Blessure ou Irritation Grave des Yeux

**Produit:**

Aucune information disponible.

### Sensibilisation Respiratoire ou Cutanée

**Produit:**

Aucune information disponible.

### Cancérogénicité

**Produit:**

Aucune information disponible.

**Monographies du CIRC sur l'évaluation des risques de cancérogénicité pour l'homme :**  
Aucun composant cancérigène identifié

**États-Unis. Rapport du NTP (National Toxicology Program) sur les cancérogènes :**  
Aucun composant cancérigène identifié

**ÉTATS-UNIS. Substances spécialement réglementées par l'OSHA (29 CFR 1910.1001-1050)**  
Aucun composant cancérigène identifié

### Mutagénicité des Cellules Germinales

#### In vitro

**Produit:**

Aucune information disponible.

#### In vivo

**Produit:**

Aucune information disponible.

### Toxicité pour la reproduction

**Produit:**

Aucune information disponible.

### Toxicité Spécifique au Niveau de l'Organe Cible- Exposition Unique

**Produit:**

Aucune information disponible.

### Toxicité Spécifique au Niveau de l'Organe Cible- Expositions répétées

**Produit:**

Aucune information disponible.

### Risque d'Aspiration

**Produit:**

Aucune information disponible.

### Autres effets:

Aucune information disponible.



**Produit: RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)**

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**12 – Données écologiques**

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**Informations générales:** Ce produit n'a pas été évalué pour la toxicité écologique ou d'autres effets de l'environnement.

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**13 – Recyclage**

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**Instructions pour l'élimination:** Le rejet, le traitement et l'élimination peuvent être soumis à des lois nationales, régionales ou locales. Éliminer les déchets dans une installation de traitement et d'élimination des déchets appropriée conformément aux lois et aux réglementations en vigueur et en fonction des caractéristiques du produit au moment de l'élimination. C'est la responsabilité de l'utilisateur de produit ou du propriétaire pour déterminer au moment de la disposition, qui se perdent les règlements doivent être appliqués.

**Emballages Contaminés:** Les conteneurs vides doivent être acheminés vers un site agréé pour le traitement des déchets à des fins de recyclage ou d'élimination.

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**14 – Transport**

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**Ministère des transports des États-Unis (Department of Transportation, DOT)**  
Non réglementé.

**IMDG**  
Non réglementé.

**IATA**  
Non réglementé.

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**15 – Réglementation**

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**Réglementations Fédérales des Etats-Unis**

**ÉTATS-UNIS. Substances spécialement réglementées par l'OSHA (29 CFR 1910.1001-1050)**  
Aucun présent ou aucun présent dans des quantités réglementées.

**Superfund Amendments and Reauthorization Act de 1986 (SARA)**

**Catégories de danger**

Ce produit est classé comme non dangereux selon la norme américaine OSHA 29CFR 1910.1200 (HazCom 2012)

**SARA 313 (Déclaration au TRI)**

Aucun présent ou aucun présent dans des quantités réglementées.

**États-Unis - Réglementation des États**

**États-Unis - Proposition 65 de la Californie**

Aucun composant réglementé par la Proposition 65 de la Californie n'est présent.

Produit: RIDGID Nu-Clear Thread Cutting Oil (Etats-Unis)

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### 16 – Renseignements divers

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Rédaction : Ridge Tool Company (OPSTD 6-101)

Date de publication : le 2 mai 2018

Dernière révision : le 8 mars 2017

Quoi que la société Ridge Tool estime que les affirmations, informations techniques et recommandations ci-présentes sont dignes de confiance, celles-ci ne sont données qu'à titre indicatif, sans aucune garantie expresse ou implicite, et ne sauraient engager la responsabilité civile de la société en cas de pertes, dommages et intérêts, voire frais directs ou indirects relevant de leur application.



## HOJA DE DATOS DE SEGURIDAD

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### Sección 1 – Identificación del producto y la compañía

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Nombre del producto:  
RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)

No. de catálogo:  
11461, 11481, 41575, 41585, 42513, 70835

Uso recomendado:  
Para cortar roscas

Restricciones de utilización:  
Uso industria seulement

Nombre de la compañía:

<p><u>North America</u> Ridge Tool Company 400 Clark Street Elyria, Ohio 44035-6001, EE. UU. Teléfono 1-800-519-3456 (EE. UU.) (8:00 a 17:00 hora estándar del este, lunes a viernes) Teléfono de emergencia: Llame al 9-1-1 o al teléfono de emergencia local <a href="http://www.RIDGID.com">www.RIDGID.com</a></p>
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Fecha de publicación: 2 de mayo de 2018

Révision: K

**Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)**

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**Sección 2 – Identificación de peligros**

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**Clasificación de Peligro**

Este producto está clasificado como no peligroso según la norma OSHA 29CFR 1910.1200 (HazCom 2012)

**Elementos de la Etiqueta**

- Símbolo de Peligro:** No hay símbolo
- Palabra de Advertencia:** No hay palabra de advertencia.
- Indicación de Peligro:** No aplicable
- Consejos de Prudencia** No aplicable

**Otros peligros que no dan lugar a clasificación SGA:** Ninguno.

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**Sección 3 – Composición e información sobre ingredientes**

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**Información general:** Este producto no contiene silicona o aditivos clorados.

**Componente(s) peligroso(s):**

Determinación química	No. CAS	Concentración
Mineral oil	Confidencial	20 - <50%
Paraffin oils	Confidencial	20 - <50%
Vegetable oil	Confidencial	1 - <5%

Las identidades químicas específicas y/o los porcentajes exactos han sido retenidos como secretos de fabricación.

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**Sección 4 – Primeros auxilios**

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- Ingestión:** Enjuagar a fondo la boca. Llamar a un CENTRO DE TOXICOLOGÍA / médico si la persona se encuentra mal. NO provocar el vómito.
- Inhalación:** Trasladar al aire libre. Llamar a un CENTRO DE TOXICOLOGÍA / médico si la persona se encuentra mal.
- Contacto con la Piel:** Quitar ropa y zapatos contaminados. Lave las áreas de contacto con agua y jabón. En caso de irritación cutánea: Consultar a un médico.
- Contacto con los ojos:** Lave con abundante agua. Si aparece irritación, busque asistencia médica. Continuar enjuagando durante al menos 15 minutos.



## Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)

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### Los síntomas y efectos más importantes, tanto los agudos como los retardados

**Síntomas:** No hay datos disponibles.

### Indicación de asistencia médica inmediata y tratamiento especial necesario

**Tratamiento:** Obtenga atención médica en caso de síntomas.

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## Sección 5 – Medidas contra incendios

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**Riesgos Generales de Incendio:** Ningún riesgo excepcional de incendio o explosión señalado.

### Medios de extinción adecuados (y no adecuados)

**Medios de extinción apropiados:** Agua pulverizada, neblina, CO<sub>2</sub>, polvos químicos, o espuma normal. Seleccione el medio de extinción más apropiado, teniendo en cuenta la posible presencia de otros productos químicos.

**Medios de extinción no apropiados:** No utilice chorro de agua, pues extendería el fuego.

**Peligros específicos derivados de la sustancia química:** El calor puede ocasionar explosión de los recipientes. En caso de incendio se pueden formar gases nocivos.

### Equipo especial de protección y medias de precaución para los bomberos

**Medidas especiales de lucha contra incendios:** No hay datos disponibles.

**Equipos de protección especial que debe llevar el personal de lucha contra incendios:** Los bomberos deben utilizar un equipo de protección estándar incluyendo chaqueta ignífuga, casco con careta, guantes, botas de goma, y, en espacios cerrados, equipo de respiración autónomo (SCBA, según sus siglas en inglés).

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## Sección 6 – Medidas en caso de liberación accidental

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**Precauciones personales, equipo de protección y procedimientos de emergencia:** Consulte la sección 8 de la FDS sobre equipo de protección personal. No toque los recipientes dañados o el material derramado a menos que esté usando ropa protectora adecuada. Mantener alejado al personal no autorizado. Asegúrese una ventilación apropiada.

**Métodos y material de contención y de limpieza:** Absorber con arena u otro absorbente inerte. Detenga el flujo del material, si esto no representa un riesgo.

**Precauciones Relativas al Medio Ambiente:** Evitar su liberación al medio ambiente. No contamine el drenaje o el alcantarillado. Impedir nuevos escapes o derrames de forma segura.



## Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)

### Sección 7 – Manipulación y almacenamiento

**Precauciones para una manipulación segura:**

Respete las normas para una manipulación correcta de productos químicos. Use equipo protector personal adecuado. No exponga al calor intenso cuando el producto puede ampliar y presurizar el contenedor.

**Condiciones de almacenamiento seguro, incluidas posibles incompatibilidades:**

Guárdese en el recipiente original bien cerrado. Evite el contacto con agentes reductores. Consérvese alejado de materiales incompatibles. Vida útil: 720 días

### Sección 8 – Controles contra la exposición: protección personal

**Valores Límite**

Determinación química	Tipo	Valores Límite de Exposición	Fuente
Mineral oil - Niebla	PEL	5 mg/m <sup>3</sup>	NOS. OSHA la tabla Z-1 límites para contaminantes del aire (29 CFR 1910.1000) (01 2017)
Mineral oil - Niebla	TWA	5 mg/m <sup>3</sup>	NOS. OSHA la Tabla Z-1-A (29 CFR 1910.1000) (1989)
Paraffin oils - Fracción inhalable	TWA	5 mg/m <sup>3</sup>	EE.UU. ACGIH Valores umbrales límite (03 2014)
Paraffin oils - Niebla	PEL	5 mg/m <sup>3</sup>	NOS. OSHA la tabla Z-1 límites para contaminantes del aire (29 CFR 1910.1000) (02 2006)
Paraffin oils - Niebla	TWA	5 mg/m <sup>3</sup>	NOS. OSHA la Tabla Z-1-A (29 CFR 1910.1000) (1989)
Vegetable oil - Polvo total	PEL	15 mg/m <sup>3</sup>	NOS. OSHA la tabla Z-1 límites para contaminantes del aire (29 CFR 1910.1000) (02 2006)
Vegetable oil - Fracción respirable	PEL	5 mg/m <sup>3</sup>	NOS. OSHA la tabla Z-1 límites para contaminantes del aire (29 CFR 1910.1000) (02 2006)

**Medidas de protección:**

Utilizar los equipos de protección individual según las necesidades.

**Protección respiratoria:**

En caso de ventilación insuficiente, utilice un equipo respiratorio adecuado. Consulte al supervisor sobre la norma de la compañía de protección respiratoria.

**Protección de los Ojos:**

Use gafas de seguridad con protectores laterales (o gafas estancas).

**Protección de la Piel y del Cuerpo:**

Use ropa protectora apropiada para el riesgo de exposición. Tenga en cuenta otros peligros, como las piezas giratorias. Comuníquese con el profesional o fabricante de salud y seguridad para obtener información específica.



**Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)**

**Medidas de higiene:** Seguir siempre buenas medidas de higiene personal, como lavarse después de manipular el material y antes de comer, beber y/o fumar. Lave rutinariamente la ropa de trabajo para eliminar los contaminantes. Deseche el calzado contaminado que no se pueda limpiar.

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**Sección 9 – Propiedades físicas y químicas**

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**Aspecto**

<b>Forma/estado:</b>	Líquido
<b>Forma/Figura:</b>	No hay datos disponibles.
<b>Color:</b>	Amarillo
<b>Olor:</b>	Ligero, petróleo/solvente
<b>Umbral de olor:</b>	No hay datos disponibles.
<b>pH:</b>	No hay datos disponibles.
<b>Punto de fusión / Punto de congelación:</b>	No hay datos disponibles.
<b>Punto inicial de ebullición e intervalo de ebullición:</b>	No hay datos disponibles.
<b>Punto de inflamación:</b>	196.11 °C (385.00 °F)
<b>Tasa de evaporación:</b>	No hay datos disponibles.
<b>Inflamabilidad (sólido, gas):</b>	No hay datos disponibles.
<b>Límites superior/inferior de inflamabilidad o de explosividad</b>	
<b>Límite superior de inflamabilidad (LSI) (%):</b>	No hay datos disponibles.
<b>Límite inferior de inflamabilidad (LII) (%):</b>	No hay datos disponibles.
<b>Límite superior de explosividad (%):</b>	No hay datos disponibles.
<b>Límite inferior de explosividad (%):</b>	No hay datos disponibles.
<b>Presión de vapor:</b>	No hay datos disponibles.
<b>Densidad del vapor:</b>	No hay datos disponibles.
<b>Densidad relativa:</b>	0.878
<b>Solubilidad(es)</b>	
<b>Solubilidad en agua:</b>	Insoluble
<b>Solubilidad (otra):</b>	No hay datos disponibles.
<b>Coefficiente de reparto (n-octanol/agua):</b>	No hay datos disponibles.
<b>Temperatura de autoignición:</b>	No hay datos disponibles.
<b>Temperatura de descomposición:</b>	No hay datos disponibles.
<b>Viscosidad:</b>	43 mm <sup>2</sup> /s (40 °C, medido)
<b>OTRA INFORMACIÓN</b>	
<b>VOC:</b>	1.1 % (Method 24) 9.4 g/l (ASTM E 1868-10)

**Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)**

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**Sección 10 – Estabilidad y reactividad**

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<b>Reactividad:</b>	No reactivo durante uso normal.
<b>Estabilidad Química:</b>	El material es estable bajo condiciones normales.
<b>Posibilidad de Reacciones Peligrosas:</b>	Ningunos en circunstancias normales.
<b>Condiciones que Deben Evitarse:</b>	Evite el calor o la contaminación.
<b>Materiales Incompatibles:</b>	No hay datos disponibles.
<b>Productos de Descomposición Peligrosos:</b>	La descomposición térmica o la combustión pueden liberar óxido de carbono u otros gases o vapores tóxicos.

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**Sección 11 – Información toxicológica**

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**Información sobre posibles vías de exposición**

<b>Ingestión:</b>	Puede ingerirse accidentalmente. La ingestión puede causar irritación y malestar.
<b>Inhalación:</b>	La inhalación es la principal vía de exposición. En concentraciones altas, los vapores, humos o neblinas pueden irritar la nariz, la garganta y las membranas mucosas.
<b>Contacto con la Piel:</b>	El contacto prolongado con la piel puede causar rubor e irritación.
<b>Contacto con los ojos:</b>	El contacto con los ojos es posible y debe evitarse.

**Síntomas relacionados a las características físicas, químicas y toxicológicas**

<b>Ingestión:</b>	No hay datos disponibles.
<b>Inhalación:</b>	No hay datos disponibles.
<b>Contacto con la Piel:</b>	No hay datos disponibles.
<b>Contacto con los ojos:</b>	No hay datos disponibles.

**Información sobre los efectos toxicológicos****Toxicidad aguda (listar todas las vías de exposición posibles)**

<b>Ingestión Producto:</b>	No clasificado en cuanto a toxicidad aguda con los datos disponibles.
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## Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)

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### Contacto dermal

**Producto:** No clasificado en cuanto a toxicidad aguda con los datos disponibles.

### Inhalación

**Producto:** No clasificado en cuanto a toxicidad aguda con los datos disponibles.

### Toxicidad por dosis repetidas

**Producto:** No hay datos disponibles.

### Corrosión/Irritación Cutáneas

**Producto:** No hay datos disponibles.

### Lesiones Oculares Graves/Irritación Ocular

**Producto:** No hay datos disponibles.

### Sensibilización de la Piel o Respiratoria

**Producto:** No hay datos disponibles.

### Carcinogenicidad

**Producto:** No hay datos disponibles.

#### **Monografías de IARC sobre la evaluación de los riesgos carcinogénicos para los humanos**

No se identificaron componentes carcinogénicos

#### **Programa Nacional de Toxicología de EUA (NTP). Reporte sobre carcinógenos**

No se identificaron componentes carcinogénicos

#### **EEUU. OSHA Sustancias específicamente reguladas (29 CFR 1910.1001-1050)**

No se identificaron componentes carcinogénicos

### Mutagenicidad en Células Germinales

#### **En vitro**

**Producto:** No hay datos disponibles.

#### **En vivo**

**Producto:** No hay datos disponibles.

### Toxicidad para la reproducción

**Producto:** No hay datos disponibles.

### Toxicidad Sistémica Específica de Órganos Diana- Exposición Única

**Producto:** No hay datos disponibles.

### Toxicidad Sistémica Específica de Órganos Diana- Exposiciones Repetidas

**Producto:** No hay datos disponibles.

### Peligro por Aspiración

**Producto:** No hay datos disponibles.

**Otros síntomas:** No hay datos disponibles.



**Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)**

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## **Sección 12 – Información ecológica**

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**Información general:** Este producto no ha sido evaluado para la toxicidad ecológica u otros efectos ambientales.

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## **Sección 13 – Consideraciones relativas a la eliminación**

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**Instrucciones para la eliminación:** Las actividades de descarga, tratamiento o eliminación pueden estar sujetos a leyes nacionales, estatales o locales. Elimine el residuo en una instalación adecuada de tratamiento y eliminación de acuerdo con las leyes y reglamentos correspondientes y características del producto en el momento de la eliminación. Es responsabilidad del usuario del producto o propietario para determinar en el momento de la disposición, que las regulaciones de residuos debe ser aplicado.

**Envases Contaminados:** Los contenedores vacíos deben ser llevados a un sitio de manejo aprobado para desechos, para el reciclado o eliminación.

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## **Sección 14 – Información de transporte**

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**DOT**  
No reglamentado.

**IMDG**  
No reglamentado.

**IATA**  
No reglamentado.

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## **Sección 15 – Información sobre reglamentos**

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**Reglamentos Federales de EE.UU.**

**EEUU. OSHA Sustancias específicamente reguladas (29 CFR 1910.1001-1050)**  
No están presentes, o no están presentes en las cantidades reguladas.

**Ley de Enmiendas y Reautorización del Superfondo de 1986 (SARA)**

**Categorías de peligro**

Este producto está clasificado como no peligroso según la norma OSHA 29CFR 1910.1200 (HazCom 2012)

**SARA 313 (Reporte TRI, Acerca del Inventario de Liberación de Sustancias Tóxicas)**

No están presentes, o no están presentes en las cantidades reguladas.



**Producto: RIDGID Nu-Clear Thread Cutting Oil (Estados Unidos)**

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**Regulaciones de un Estado de EUA**

**Proposición 65 del Estado de California, EUA**

No hay presencia de ningún ingrediente regulado por CA Prop 65.

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**Sección 16 – Información adicional**

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Preparado por: Ridge Tool Company (OPSTD 6-101)

Fecha de emisión: 2 de mayo de 2018

Fecha de la última revisión: 8 de marzo de 2017

RIDGE TOOL CONSIDERA QUE TODAS LAS DECLARACIONES, INFORMACIÓN TÉCNICA Y RECOMENDACIONES EN EL PRESENTE DOCUMENTO SON CONFIABLES, PERO SE PRESENTAN SIN GARANTÍA ALGUNA, SEA EXPRESA O IMPLÍCITA, Y NO ASUMIMOS RESPONSABILIDAD ALGUNA POR PÉRDIDAS, DAÑOS O GASTOS, DIRECTOS O CONSECUENTES, QUE SURJAN DE SU USO.



Product Name ..... : RIDGID Nu-Clear Thread Cutting Oil

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**SKIN CONTACT:**

Remove contaminated/saturated 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 as appropriate or if symptoms persist

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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:

No data available.

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 pressurize and possibly rupture. During fire, gases hazardous to health may be formed.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS**

Special firefighting procedures:

No data available.

Special protective equipment for fire-fighters:

Firefighters must use standard protective equipment appropriate for Industrial fires.

Product Name .....: RIDGID Nu-Clear Thread Cutting Oil

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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 handle 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 with sand or other inert absorbent. Stop the flow of material, if this is without risk.

#### **ENVIRONMENTAL PRECAUTIONS:**

Avoid release to the environment. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so and protect against releases into the environment. Remediate as appropriate.

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### **Section 7 – Handling And Storage**

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#### **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.

#### **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

Store in original tightly closed container. Avoid contact with oxidizing agents. Store away from incompatible materials.

#### **SHELF LIFE:**

720 days



Product Name ..... : RIDGID Nu-Clear Thread Cutting Oil

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

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**EXPOSURE LIMITS:**

Chemical name	type	Exposure Limit Values	Source
Mineral oil - Mist.	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Vegetable oil - Total dust.	PEL	15 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Vegetable oil - Respirable fraction.	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (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. 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. Contaminated work clothing should not be allowed out of the workplace. Discard contaminated footwear that cannot be cleaned. Avoid contact with skin, eyes, and clothing.

Product Name ..... : RIDGID Nu-Clear Thread Cutting Oil

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**Section 9 – Physical And Chemical Properties**

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Appearance	
Physical State	Liquid
Form	No data available
Color	Yellow
Odor	Mild petroleum
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 °C (385 °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 mm <sup>2</sup> /s (40 °C, measured)
VOC	9.4 g/l

Product Name ..... : RIDGID Nu-Clear Thread Cutting Oil

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### Section 10 – Stability And Reactivity

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**REACTIVITY:**

Not reactive during normal use.

**CHEMICAL STABILITY:**

No data available.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

None under normal conditions.

**CONDITIONS TO AVOID:**

Avoid heat or contamination.

**INCOMPATIBLE MATERIALS:**

No data available.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

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.

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### Section 11 – Toxicological Information

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**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.

**Eye contact:**

Eye contact is possible and should be avoided.

Product Name ..... : RIDGID Nu-Clear Thread Cutting Oil

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## SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

### Ingestion:

No data available.

### Inhalation:

No data available.

### Skin Contact:

No data available.

### Eye contact:

No data available.

## INFORMATION ON TOXICOLOGICAL EFFECTS

### Acute toxicity

#### Oral Product:

ATEmix (): 2000 - 5000 mg/kg

#### Dermal Product:

ATEmix (): 2000 - 5000 mg/kg

#### Inhalation Product:

Not classified for acute toxicity based on available data.

#### Repeated dose toxicity 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.

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

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

#### Germ Cell Mutagenicity

##### In vitro Product:

No data available.

##### In vivo Product:

No data available.

Product Name ..... : RIDGID Nu-Clear Thread Cutting Oil

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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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### GENERAL INFORMATION:

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

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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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This material is not subject to transport regulations.

Product Name ..... : RIDGID Nu-Clear Thread Cutting Oil

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**Section 15 – Regulatory Information**

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US FEDERAL REGULATIONS

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

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories - None

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

US STATE REGULATIONS

US. California Proposition 65

No component is regulated by CA Prop 65.

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**Section 16 – Other Information**

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Prepared by: ..... Ridge Tool Company

Issue Date: ..... May 29, 2015

Last Revision Date: ..... May 29, 2015

RIDGE TOOL BELIEVES THE STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE RELIABLE BUT THEY ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND, EXPRESSED OR IMPLIED, AND WE ASSUME NO RESPONSIBILITY FOR ANY LOSS, DAMAGE OR EXPENSE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THEIR USE.



Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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- Inhalation:

This product has low volatility and so is not expected to cause respiratory tract irritation during normal conditions of use. Exposure to high mist levels in poorly ventilated areas may cause upper respiratory tract irritation and difficulty breathing.

- Ingestion:

Ingestion may cause slight stomach irritation and discomfort.

- Potential Chronic Health Effects

No further data known.

- Medical Conditions Aggravated By Exposure:

No further data known.

- Carcinogenicity:

This product is not listed as a known or suspected carcinogen by IARC, OSHA or the NTP.

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### **Section 3 – Composition / Information On Ingredients**

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Components listed in this section may contribute to the potential hazards associated with exposure to the concentrate. The product may contain additional non-hazardous or trade secret components.

<u>Component:</u>	<u>CAS #</u>	<u>% By Weight</u>
Mineral Oil	64742-54-7	> 95
Sulfur Additive Package	Mixture	< 5

#### **CARCINOGENIC COMPONENTS:**

This product contains no carcinogens.



Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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### Section 4 – First Aid Measures

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#### EYE CONTACT:

Upon direct eye contact, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. If irritation is due to exposure to mist or vapors, remove the individual to fresh air. If irritation persists, flush the eyes with clean water until the irritation subsides. If symptoms persist, contact a physician.

#### SKIN CONTACT:

Remove product from the skin by washing with a mild soap and water. Contaminated clothing should be removed to prevent prolonged exposure. If symptoms of exposure persist, contact a physician.

#### INHALATION:

Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove the employee to fresh air. Contact a physician or other medical professional if irritation or distress persists.

#### INGESTION:

If small amounts are ingested, first aid measures are not likely to be necessary. If larger amounts are ingested or if symptoms of ingestion occur, dilute stomach contents with two glasses of water or milk. (NOTE: Do NOT give anything by mouth to an unconscious person.) Do not induce vomiting without medical supervision. If vomiting occurs spontaneously, keep airway clear. If symptoms of ingestion persist, seek medical attention.

#### NOTE TO PHYSICIANS:

No further data known.

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### Section 5 – Fire Fighting Measures

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#### FIRE AND EXPLOSIVE PROPERTIES:

Flashpoint.....:	385°F Cleveland Open Cup
Flammability Limits .....	LEL - N/A
	UEL - N/A

Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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#### EXTINGUISH MEDIA:

In accordance with NFPA guidance, dry chemical, foam or CO2 fire extinguishers are all acceptable. Note that while water fog extinguishers are also acceptable, do NOT apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

No further data known.

#### FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. See Section 8 of the MSDS for other PPE to be worn as conditions warrant.

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### **Section 6 – Accidental Release Measures**

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#### PERSONAL PRECAUTIONS:

Use personal protection recommended in Section 8.

#### ENVIRONMENTAL:

This material is a water pollutant. Do not let spilled or leaking material enter waterways.

#### CLEAN-UP MEASURES:

Important: As with any spill or leak, before responding, ensure that you are familiar with the potential hazards and recommendations of the MSDS. Appropriate personal protective equipment must be worn.

If possible, safely contain the spill with dikes or other spill response equipment appropriate for petroleum or organic material releases. Take measures to prevent spreading of product. Note that while product will ignite, it will not readily burn. However, as a precaution, eliminate ignition sources. Prevent from entering sewers or waterways. Large volumes may be transferred to an appropriate container for proper disposal. Small volumes or residues may be soaked up with absorbents. Spill response materials should be collected for proper disposal.

Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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## Section 7 – Handling And Storage

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### HANDLING:

As with any industrial chemical, handle the product in a manner that minimizes exposure to practicable levels. Prior to handling, consult Section 8 of this MSDS to evaluate personal protective equipment needs. Open containers slowly to relieve any pressure. Follow all other standard industrial hygiene practices.

Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep containers closed when not in use.

Product residue in empty containers is combustible but will not readily burn. Note, however, that excessive heating or cutting of empty containers may create an ignition source sufficient to start a fire and, in extreme cases, cause an explosion.

### STORAGE:

Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use.

### SPECIAL COMMENTS:

No further data known.

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## Section 8 – Exposure Controls / Personal Protection

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### EXPOSURE GUIDELINES:

#### Component

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Mineral Oil	ACGIH TLV:	5 mg / m <sup>3</sup> (as mist)
	ACGIH STEL:	10 mg / m <sup>3</sup> (as mist)
	OSHA PEL:	5 mg / m <sup>3</sup> (as mist)
Sulfur Additive Package	No information	

Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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#### ENGINEERING CONTROLS:

Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practicable levels. Ventilation should, at a minimum, prevent airborne concentrations from exceeding any exposure limits.

The user may wish to refer to 29 CFR 1910.1000(d) (2) and the ACGIH "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices" (Appendix C) for the determination of exposure limits of mixtures. An industrial hygienist or similar professional may be consulted to confirm that the calculated exposure limits apply.

#### PERSONAL PROTECTIVE EQUIPMENT:

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

- Eye Protection

Wear eye protection appropriate to prevent eye exposure. Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.

- Skin Protection

Gloves are not normally needed during normal conditions of use. If health effects are experienced, oil or chemical resistant gloves such as butyl or nitrile are recommended.

Where splashing or soaking is likely, wear oil or chemical resistant clothing to prevent exposure.

Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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- Respiratory Protection

A respirator may be worn to reduce exposure to vapors, dust or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration has not been confirmed to be below safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in 29 CFR 1910.134.

- General Hygiene Considerations

Wash thoroughly after handling.

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### Section 9 – Physical And Chemical Properties

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Physical Appearance:.....: Clear Yellow  
Odor. ....: Mild Petroleum  
Physical State.....: Liquid  
Water Solubility.....: Insoluble  
Specific Gravity.....: .878

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### Section 10 – Stability And Reactivity

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#### STABILITY:

This product is stable.

#### CONDITIONS TO AVOID:

Avoid contact with incompatible materials and exposure to extreme temperatures.

#### INCOMPATIBLE MATERIALS:

This product is incompatible with strong oxidizing agents.

Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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**DECOMPOSITION PRODUCTS MAY INCLUDE:**

Thermal decomposition products are dependent on combustion conditions. A complex mixture of airborne solid, liquid, particulates and gasses may evolve when the material burns. Combustion by-products may include:

oxides of carbon

oxides of sulfur

incompletely burned hydrocarbons as fumes and smoke

**POSSIBILITY OF HAZARDOUS REACTIONS:**

This product is not expected to polymerize

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**Section 11 – Toxicological Information**

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**EYE EFFECTS:**

No further toxicological data known.

**SKIN EFFECTS:**

No further toxicological data known.

**ORAL EFFECTS:**

No further toxicological data known.

**INHALATION EFFECTS:**

No further toxicological data known.

**OTHER:**

No further toxicological data known.

Product Name.....: RIDGID Nu-Clear Thread Cutting Oil

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**Section 12 – Ecological Information**

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**ECOTOXICOLOGICAL INFORMATION:**

This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.

**ENVIRONMENTAL FATE:**

The degree of biodegradability and persistence of this product has not been determined.

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**Section 13 – Disposal Consideration**

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**WASTE DISPOSAL:**

Ensure that collection, transport, treatment and disposal of waste product and containers complies with all applicable laws and regulations. Note that use, mixture, processing or contamination of the product may cause the material to be classified as a hazardous waste. It is the responsibility of the product user or owner to determine at the time of disposal whether the product is regulated as a hazardous waste.

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**Section 14 – Transportation Information**

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**U.S. DOT HAZARDOUS MATERIAL INFORMATION:**

Not DOT regulated.

Product Name : RIDGID Nu-Clear Thread Cutting Oil

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### Section 15 – Regulatory Information

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#### FEDERAL REGULATIONS:

##### SARA 313:

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

##### CLEAN WATER ACT:

This product contains mineral oil and is subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

##### CERCLA REPORTABLE QUANTITY:

Any components listed below have been assigned a reportable quantity (RQ) by the Federal EPA. Releases of the product into the environment that exceed the RQ for a particular component must be reported to the National Response Center at 1-800-424-8802.

None to report

##### TOXIC SUBSTANCE CONTROL ACT:

The components of this product are listed on the TSCA Inventory.

##### OZONE DEPLETING SUBSTANCES:

This product contains no ozone depleting substances as defined by the Clean Air Act.

##### HAZARDOUS AIR POLLUTANTS:

Any components listed below are defined by the Federal EPA as hazardous air pollutants:

None to report



Product Name : RIDGID Nu-Clear Thread Cutting Oil

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STATE REGULATIONS

This product contains mineral oil, and as used, may be regulated by state used oil regulations. Check with the appropriate state agency to determine whether such a regulation exists.

CANADA

WHMIS Classification: None

DSL:

The components of this product are listed on DSL Inventory.

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**Section 16 – Other Information**

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HMIS RATING:

Health	Flammability	Reactivity	PPE
1	1	0	X

Prepared by: . . . . . Ridge Tool Company

Issue Date: . . . . . January 5, 2006

Last Revision Date: . . . . . May, 2004

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