



SAFETY DATA SHEET

Section 1 – Product & Company Identification

Product Name:
RIDGID Thread Cutting Fluid Mineral Aerosol (Europe)

Product Catalog No.:
15681

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>Europe</u> Ridge Tool NV Schurhovenveld 4820 3800 Sint-Truiden, Belgium +32 (0) 11 598 600 (8:00 am – 5:00 pm, M-F) Emergency Telephone call +32 (0) 11 598 600 or local emergency number www.RIDGID.eu
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Issue Date: August 01, 2018

Revision: A

Section 2 – Hazards Identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 :	H222;H229
Full text of H statements	see section 16
Adverse physicochemical, human health and environmental effects:	No additional information available

2.2. Label elements:

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP):



Signal word (CLP):	Danger
Hazard statements (CLP)	H222 - Extremely flammable aerosol H229 - Pressurized container: May burst if heated
Precautionary statements (CLP):	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source P251 - Do not pierce or burn, even after use



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P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

2.3. Other hazards

No additional information available

Section 3 – Composition / Information On Ingredients

3.1 Substance:

Not applicable

3.2 Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Phosphorsäureester		1.245 - 2.49	Acute Tox. 4 (Oral), H302 Repr. 2, H361f Aquatic Chronic 2, H411

Full text of H-statements: see section 16

Section 4 – First Aid Measures

4.1 Description of first aid measures

First-aid measures general

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation

Cough. Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact

Direct contact with the eyes is likely to be irritating. Rinse immediately with plenty of



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	water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2 Most important symptoms and effects, both acute and delayed	
Symptoms/injuries after inhalation	Shortness of breath.
4.3 Indication of any immediate medical attention and special treatment needed	Get medical attention if symptoms occur.

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media:	Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Fire hazard	Extremely flammable aerosol.
Explosion hazard	Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

5.3 Advice for firefighters

Firefighting instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment. DO NOT fight fire when fire reaches explosives. Evacuate area.
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Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

General measures: No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges.

6.1.1 For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment Equip cleanup crew with proper protection.

Emergency procedures Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials

6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection.



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Section 7 – Handling And Storage

7.1 Precautions for safe handling:

Additional hazards when processed:

Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not spray on an open flame or other ignition source.

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures

Proper grounding procedures to avoid static electricity should be followed.

Storage conditions

Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place.

Incompatible products

Strong bases. Strong acids.

Incompatible materials

Sources of ignition. Direct sunlight. Heat sources.

Storage temperature

5 - 50 °C

Storage area

Store away from heat.

Special rules on packaging

Keep only in original container.

7.3 Specific end use(s)

No additional information available.



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Section 8 – Exposure Controls / Personal Protection

8.1 Control parameters	No additional information available
8.2 Exposure controls	
Personal protective equipment:	Avoid all unnecessary exposure.
Hand protection:	Wear protective gloves
Eye protection:	Chemical goggles or safety glasses
Respiratory protection:	Wear appropriate mask
Other information:	Do not eat, drink or smoke during use.

Section 9 – Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Brown
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available

Boiling point	No data available
Flash point	194 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Extremely flammable aerosol
Vapour pressure	0.1 hPa
Relative vapour density at 20 °C	No data available
Relative density	0.869
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	40 mm ² /s
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available
9.2 Other information	No additional information available

Section 10 – Stability And Reactivity

10.1 Reactivity:	No additional information available.
10.2 Chemical Stability:	Not established. Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.



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- 10.3 Possibility of hazardous reactions:** Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.
- 10.4 Conditions to avoid:** Avoid heat or contamination.
- 10.5 Incompatible Materials:** Strong acids. Strong bases.
- 10.6 Hazardous Decomposition Products:** fume. Carbon monoxide. Carbon dioxide.

Section 11 – Toxicological Information

11.1 Information on toxicological effects

- Acute toxicity:** Not classified
- Skin corrosion/irritation:** Not classified
- Additional information:** Based on available data, the classification criteria are not met
- Serious eye damage/irritation:** Not classified
- Additional information:** Based on available data, the classification criteria are not met
- Germ cell mutagenicity:** Not classified
- Additional information:** Based on available data, the classification criteria are not met
- Carcinogenicity:** Not classified
- Additional information:** Based on available data, the classification criteria are not met
- Reproductive toxicity:** Not classified
- Additional information:** Based on available data, the classification



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	criteria are not met
Specific target organ toxicity (single exposure)	Not classified
Additional information	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	Not classified
Additional information	Based on available data, the classification criteria are not met
Aspiration hazard	Not classified
Additional information	Based on available data, the classification criteria are not met

THREAD CUTTING OIL RIDGID	
Vaporizer	Aerosol
Viscosity, kinematic	40 mm ² /s

Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.
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Section 12 – Ecological Information

12.1 Toxicity	No additional information available.
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12.2 Persistence and degradability

THREAD CUTTING OIL RIDGID	
Persistence and degradability	Not established.

12.3 Bioaccumulative potential

THREAD CUTTING OIL RIDGID	
Bioaccumulative potential	Not established.



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12.4 Mobility in soil No additional information available

12.5 Results of PBT and vPvB assessment No additional information available

12.6 Other adverse effects

Additional information Avoid release to the environment.

Section 13 – Disposal Consideration

13.1 Waste treatment methods

Regional legislation (waste) Disposal must be done according to official regulations.

Product/Packaging disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use.

Additional information Flammable vapors may accumulate in the container.

Ecology - waste materials Avoid release to the environment

Section 14 – Transportation Information

Accordance with ADR / RID / IMDG / IATA / AND

4.1 UN number

UN-No. (ADR) 1950

UN-No. (IMDG) 1950

UN-No. (IATA) 1950

UN-No. (ADN) 1950

UN-No. (RID) 1950

14.2 UN proper shipping name

Proper Shipping Name (ADR) AEROSOLS

Proper Shipping Name (IMDG) AEROSOLS

Proper Shipping Name (IATA) Aerosols, flammable

Proper Shipping Name (ADN) AEROSOLS

Proper Shipping Name (RID) Not applicable

Transport document description (ADR) UN 1950 AEROSOLS, 2.1, (D)

Transport document description (IMDG) UN 1950 AEROSOLS, 2.1

Transport document description (IATA) UN 1950 Aerosols, flammable, 2.1

Transport document description (ADN) UN 1950 AEROSOLS, 2.1

Transport document description (RID) UN 1950 , 2.1

14.3 Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) 2.1

Danger labels (ADR) 2.1



IMDG

Transport hazard class(es) (IMDG) 2.1

Danger labels (IMDG) 2.1



IATA

Transport hazard class(es) (IATA) 2.1

Hazard labels (IATA) 2.1



ADN

Transport hazard class(es) (ADN) 2.1

Danger labels (ADN) 2.1



RID

Transport hazard class(es) (RID) 2.1

Danger labels (RID) 2.1

**14.4 Packing group**

Packing group (ADR)	Not applicable
Packing group (IMDG)	Not applicable
Packing group (IATA)	Not applicable
Packing group (ADN)	Not applicable
Packing group (RID)	Not applicable

14.5 Environmental hazards

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available

14.6 Special precautions for user**- Overland transport**

Classification code (ADR)	5F
Special provisions (ADR)	190, 327, 344, 625
Limited quantities (ADR)	1I
Excepted quantities (ADR)	E0
Packing instructions (ADR)	P207, LP02
Special packing provisions (ADR)	PP87, RR6, L2
Mixed packing provisions (ADR)	MP9



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Transport category (ADR)	2
Special provisions for carriage - Packages (ADR)	V14
Special provisions for carriage - Loading, unloading and handling (ADR)	CV9, CV12
Special provisions for carriage - Operation (ADR)	S2
Tunnel restriction code (ADR)	D

- Transport by sea

Special provisions (IMDG)	63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	SP277
Excepted quantities (IMDG)	E0
Packing instructions (IMDG)	P207, LP02
Special packing provisions (IMDG)	PP87, L2
EmS-No. (Fire)	F-D
EmS-No. (Spillage)	S-U
Stowage category (IMDG)	None

- Air transport

PCA Excepted quantities (IATA)	E0
PCA Limited quantities (IATA)	Y203
PCA limited quantity max net	30kgG

quantity (IATA)	
PCA packing instructions (IATA)	203
PCA max net quantity (IATA)	75kg
CAO packing instructions (IATA)	203
CAO max net quantity (IATA)	150kg
Special provisions (IATA)	A145, A167
ERG code (IATA)	10L
- Inland waterway transport	
Classification code (ADN)	5F
Special provisions (ADN)	19, 327, 344, 625
Limited quantities (ADN)	1 L
Excepted quantities (ADN)	E0
Equipment required (ADN)	PP, EX, A
Ventilation (ADN)	VE01, VE04
Number of blue cones/lights (ADN)	1
- Rail transport	No data available
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable



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Section 15 – Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2 National regulations

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

Section 16 – Other Information

Prepared by: Ridge Tool Company (OPSTD 6-133)

Issue Date: August 01, 2018

Last Revision Date: January 24, 2017

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Data sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

None.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Repr. 2	Reproductive toxicity, Category 2
H222	Extremely flammable aerosol
H229	Pressurized container: May burst if heated
H302	Harmful if swallowed
H361f	Suspected of damaging fertility
H411	Toxic to aquatic life with long lasting effects

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product



Product Name : RIDGID-Thread Cutting Fluid Mineral Aerosol (Europe)

Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	