

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.02.2014

Version number 3

Revision: 17.02.2013

* 1 Identification of the substance/mixture and of the company/undertaking


- **Product identifier**
- **Trade name:** *Ridgid Synthetic Threading Fluid EU*
- **Article number:** 11091
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Lubricant for Industrial use
For industrial use.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
RIDGE TOOL EUROPE
INTERLEUVENLAAN,
RESEARCH PARK
HAASRODE,
3001 LEUVEN
BELGIUM
Tel.: +32 (0) 16380211
Fax: +32 (0) 16380210
- **Further information obtainable from:** Customer Service +32 (0) 16380211 (Office hours)
- **Emergency telephone number:** Customer Service +32 (0) 16380211 (Office hours)

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

• Dangerous components:		
39464-70-5	Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate  Xi R38-41	1-≤2.5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

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4 First aid measures

- **Description of first aid measures**
 - **General information:** Remove contaminated clothing.
 - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
 - **After eye contact:**
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 - **After swallowing:**
 Rinse out mouth and then drink plenty of water.
 No neutralization attempt.
 Do not induce vomiting.
 Seek medical treatment.
 Do not induce vomiting; call for medical help immediately.
 - **Information for doctor:**
 - **Most important symptoms and effects, both acute and delayed** Gastric or intestinal disorders
 - **Indication of any immediate medical attention and special treatment needed**
 No further relevant information available.
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5 Firefighting measures

- **Extinguishing media**
 - **Suitable extinguishing agents:**
 CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - **Special hazards arising from the substance or mixture** Nitrogen oxides (NO_x)
 - **Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.
 - **Additional information**
 Cool endangered receptacles with water spray.
 Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
-

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
 Ensure adequate ventilation
 Keep away from ignition sources.
 - **Environmental precautions:**
 Dilute with plenty of water.
 Do not allow to enter sewers/ surface or ground water.
 - **Methods and material for containment and cleaning up:**
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose of the material collected according to regulations.
 - **Reference to other sections**
 No dangerous substances are released.
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.
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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
 No special measures required.
 Store in cool, dry place in tightly closed receptacles.

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- **Information about fire - and explosion protection:**
Vapors are heavier than air. Explosive vapor - / air - mixtures may be formed avoid rake at high temperatures.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Provide solvent resistant, sealed floor.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Further information about storage conditions:**
Protect from frost.
Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** Thread cutting mediums

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
Exceeding the recommended exposure limits:
Use multi-purpose combination (U.S.) or type of filter ABEK (EN 14387).
Respirators and components must be tested and approved under appropriate government standards such as NIOSH. (U.S.) or CEN (EU).
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:** Recommendation: Chemical resistant protective gloves (EN 374)
- **Material of gloves**
Butyl rubber, BR
Chloroprene rubber, CR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
Safety glasses
Use safety glasses according to EN 166 : 2001.

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9 Physical and chemical properties

<ul style="list-style-type: none"> · Information on basic physical and chemical properties · General Information · Appearance: <ul style="list-style-type: none"> Form: In water Colour: Red · Odour: Odourless · Odour threshold: Not determined. 	
· pH-value at 20 °C:	7
· Change in condition <ul style="list-style-type: none"> Melting point/Melting range: Undetermined. Boiling point/Boiling range: > 100 °C 	
· Flash point:	> 100 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits: <ul style="list-style-type: none"> Lower: Not determined. Upper: Not determined. 	
· Vapour pressure at 20 °C:	23 hPa
· Density at 20 °C:	1.1 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity: <ul style="list-style-type: none"> Dynamic: Not determined. Kinematic at 20 °C: 12 mm²/s 	
· Solvent content: <ul style="list-style-type: none"> Organic solvents: 2.9 % Water: 37.5 % VOC (EC) 2.89 % 	
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** Reacts with strong oxidants and strong reducing agents under severe heat.
- **Chemical stability** The product is chemically stable under normal ambient conditions (room temperature).
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Temperatures above 60 °C can lead to reduced shelf life of the product.
- **Incompatible materials:** No further relevant information available.

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• Hazardous decomposition products:

Emergence of flammable gases / vapors on contact with strong oxidizing agent' s possible.

11 Toxicological information**• Information on toxicological effects****• Acute toxicity:****• Primary irritant effect:****• on the skin:** May cause skin irritation after repeated contact.**• on the eye:** May cause slight irritation to the eyes.**• Sensitization:** No sensitizing effects known.**• Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information**• Toxicity****• Aquatic toxicity:** No further relevant information available.**• Persistence and degradability** No further relevant information available.**• Behaviour in environmental systems:****• Bioaccumulative potential** No further relevant information available.**• Mobility in soil** No further relevant information available.**• Additional ecological information:****• General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

• Results of PBT and vPvB assessment**• PBT:** Not applicable.**• vPvB:** Not applicable.**• Other adverse effects** No further relevant information available.**13 Disposal considerations****• Waste treatment methods****• Recommendation** Must be specially treated adhering to official regulations.**• Uncleaned packaging:****• Recommendation:** Disposal must be made according to official regulations.**• Recommended cleansing agents:** Water, if necessary together with cleansing agents.**14 Transport information****• UN-Number****• ADR, ADN, IMDG, IATA**

Void

• UN proper shipping name**• ADR, ADN, IMDG, IATA**

Void

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<ul style="list-style-type: none"> · Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class 	Void
<ul style="list-style-type: none"> · Packing group · ADR, IMDG, IATA 	Void
<ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
- **Department issuing MSDS:** Customer Service +32 (0) 16380211 (Office hours)
- *** Data compared to the previous version altered.**