

Safety Data Sheet

Roxtec Lubricant (EN)

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This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006.

Section 1 – Identification of the mixture and of the company

1.1 Product identifier

Roxtec Lubricant
CAS number: 61789-97-7
EC number: 263-099-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Lubrication of Roxtec sealing system components.

1.3 Details of the supplier of the safety data sheet

Roxtec International AB
Box 540, 371 23 Karlskrona, Sweden
Phone: +46 455 36 67 00
Fax: +46 455 820 12
info@roxtec.com
www.roxtec.com

1.4 Emergency telephone numbers

Roxtec International AB
Phone: +46 455 36 67 00
Hours of operation: 8:00 - 16:00 CET
Information limitations: Information in English only!

Section 2 – Hazards identification

2.1 Classification of the substance or mixture

The substance is not classified as hazardous according to the CLP regulation EC 1272/2008 or the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 2015 Rev. 6.

The substance is not covered by the safety data sheet requirements under Reach EC 1907/2006 Art. 32 or the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 2015 Rev. 6.

2.2 Label elements

The product contains no substances, or concentration levels thereof, that require marking or need to be declared.

2.3 Other hazards

The product contains no PBT or vPvB substances.

Section 3 – Composition/information on ingredients

3.1 Substance

The product contains no substance or concentration level that need to be declared.
Tallow: CAS number: 61789-97-7, EC number: 263-099-1.

3.2 Mixture

Not applicable. The product is a substance.

Section 4 – First-aid measures

4.1 Description of first-aid measures

Skin contact: Wash with soap and water.
Eye contact: Rinse thoroughly with clean water.

4.2 Most important symptoms and effects, both acute and delayed

May cause mild irritation in case of skin or eye contact.

4.3 Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment is needed. Symptomatic treatment if necessary.

Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguisher: Dry powder, foam or CO₂.
Not suitable extinguisher: Water.

5.2 Special hazards arising from the substance or mixture

Heated tallow can cause flammable and irritating gases. Carbon monoxide and carbon dioxide gases when burning.

5.3 Advice for firefighters

Use normal protective clothing for firemen according to the European standard BS EN 469, gloves (BS EN 659) and boots (HO specification A29 and A30) or equivalent requirements. Use self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

Section 6 – Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel and emergency responders: Use allergy-tested "low chemical resistant" protective gloves and safety glasses if necessary.

6.2 Environmental precautions

Prevent product spill to drains, sewer system, surface and ground water.

6.3 Methods and materials for containment and cleaning up

Clear spills immediately to avoid slipping hazard. Cover drains and eliminate product spill with warm water and absorbent material.

6.4 Reference to other sections

See Section 8 and 13 for personal protection equipment and disposal considerations.

Section 7 – Handling and storage

7.1 Precautions for safe handling

Prevent spill to avoid slipping hazard.
Prevent product spill to drains and surface and ground water.
Wash hands thoroughly after use.
Do not eat, drink or smoke when using this product.
Remove contaminated clothing and protective equipment before you come to an area where meals are taken.

- 7.2 Conditions for safe storage, including any incompatibilities**
No particular recommendations, cool storage is to be preferred if possible.
- 7.3 Specific end use**
Not relevant.

Section 8 – Exposure controls/personal protection

- 8.1 Control parameters**
The substance has no exposure limit values.
- 8.2 Exposure controls**
Sensitive persons may use allergy-tested "low chemical resistant" protective gloves.
Use safety glasses if necessary if there is a risk of splashing.
- Se Section 6, 12 and 13 for environmental exposure controls.

Section 9 – Physical and chemical properties

- 9.1 Basic physical and chemical properties**
- | | |
|---|--|
| a) Appearance (form and color) | White grease, paste. |
| b) Odor | Slight odor of tallow. |
| c) Odor threshold | Not available. |
| d) PH | Not available. |
| e) Melting point/freezing point | Not available. |
| f) Initial boiling point and boiling range | Not available. |
| g) Flash point | Approximately +280 °C. |
| h) Evaporation rate | Not relevant. |
| i) Flammability | Not available. |
| j) Upper/lower flammability or explosive limits | Not available. |
| k) Vapor pressure | Not relevant. |
| l) Vapor density | Not relevant. |
| m) Relative density | 890 kg/m ³ . |
| n) Solubility | Soluble in organic solvents, not in water. |
| o) Partition coefficient: n-octanol/water | Not available. |
| p) Auto-ignition temperature | Not relevant. |
| q) Decomposition temperature | Not available. |
| r) Viscosity | Not available. |
| s) Explosive properties | Not relevant. |
| t) Oxidizing properties | Not relevant. |
- 9.2 Other information**
Not available.

Section 10 – Stability and reactivity

- 10.1 Reactivity**
There are no known conditions that are likely to result in a hazardous reaction under normal condition of use.
- 10.2 Chemical stability**
The product is stable under normal conditions of use and storage.
- 10.3 Possibility of hazardous reactions**
There are no known conditions that are likely to result in a hazardous reaction under normal condition of use.
- 10.4 Conditions to avoid**
Extremely high temperatures.
- 10.5 Incompatible materials**
No incompatible materials are known at normal use.

10.6 Hazardous decomposition products

No hazardous decomposition products are known under normal conditions of use.

Section 11 – Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****a) Acute toxicity**

No hazards have been classified.

b) Skin corrosion/irritation

No hazards have been classified.

c) Serious eye damage/eye irritation

No hazards have been classified.

d) Respiratory or skin sensitization

No hazards have been classified.

e) Germ cell mutagenicity

No hazards have been classified.

f) Carcinogenicity

No hazards have been classified.

g) Reproductive toxicity

No hazards have been classified.

h) Specific target organ toxicity – single exposure

No hazards have been classified.

i) Specific target organ toxicity – repeated exposure

No hazards have been classified.

k) Aspiration hazard

No hazards have been classified.

Information on the likely routes of exposure

May cause mild irritation in case of skin or eye contact.

Symptoms related to the physical, chemical and toxicological characteristics

No information is known.

Delayed and immediate effects and also chronic effects from short and long-term exposure

No effects are expected.

Numerical measures of toxicity (such as acute toxicity estimates)

No information is available.

Interactive effects

No information is available.

11.2 Information on other hazards**Endocrine disrupting properties**

No information is available.

Other information

No information is available.

Section 12 – Ecological information**12.1 Toxicity**

Not toxic for water organisms.

12.2 Persistence and degradability

Expected to be biodegradable.

12.3 Bioaccumulative potential

The substance is not classified as hazardous.

- 12.4 Mobility in soil**
Not water soluble. Expected to be biodegradable.
- 12.5 Results of PBT and vPvB assessment**
The product contains no PBT or vPvB substances.
- 12.6 Endocrine disrupting properties**
Information not available.
- 12.7 Other adverse effects**
No adverse effects are known.

Section 13 – Disposal considerations

- 13.1 Waste treatment methods**
The product is not classified as hazardous waste. National and local waste management legislation must be complied with.
Waste treatment for substance can be composting or incineration. Waste treatment for clean packaging can be incineration or recycling.
Do not discharge to sewage disposal.

Section 14 – Transport information

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by road (ADR) and by rail (RID), of the International Maritime Dangerous Goods codes (IMDG) and of the International Air Transport Association (IATA) regulations.

- 14.1 UN number**
Not classified as dangerous goods.
- 14.2 UN proper shipping name**
Not applicable.
- 14.3 Transport hazard classes**
Not applicable.
- 14.4 Packing group**
Not applicable.
- 14.5 Environmental hazards**
Not applicable.
- 14.6 Special precautions for users**
Not applicable.
- 14.7 Maritime transport in bulk according to IMO instruments**
Not applicable.

Section 15 – Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
1907/2006 EC Regulation of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
1272/2008 EC Regulation of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
The product does not contain any hazardous substances.
- 15.2 Chemical Safety Assessment**
No chemical assessment has been processed for the substance.



Section 16 – Other information

This version replaces Safety data sheet updated: 2018-11-19.

Reason for changes in updated SDS: General update