



## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product name:** RENOLIT CX-CVP 1

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

**Identified uses:** Lubricating grease

**Uses advised against:** No uses advised against identified.

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer / Supplier**

Fuchs Schmierstoffe GmbH  
Friesenheimer Str. 19  
68169 Mannheim

US Distributor  
Fuchs Lubricants Co.  
17050 Lathrop Avenue  
Harvey, IL 60426  
(708) 333-8900  
(800) 255-3924 24 hrs Emergency

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+49 621 3701-0 (ZENTRALE)

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produktsicherheit@fuchs-schmierstoffe.de

**1.4 Emergency telephone number:** +49 621 3701-1333 ODER +49 621 3701-0

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

**Classification according to Regulation (EC) No 1272/2008 as amended.**

**Environmental Hazards**

Chronic hazards to the aquatic  
environment

Category 3

H412: Harmful to aquatic life with long lasting  
effects.

**Hazard summary**

**Physical Hazards:**

By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

**Environmental hazards:** This product is water polluting.

**Product name:** RENOLIT CX-CVP 1

## 2.2 Label Elements

**Hazard Statement(s):** H412: Harmful to aquatic life with long lasting effects.

### Precautionary Statement

**Prevention:** P273: Avoid release to the environment.

**2.3 Other hazards:** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**General information:** Lubricating grease: Thickener system and additives in synthetic base oil.

Chemical name	Concentration *	Identifier	REACH Registration No.	Notes
phenolic antioxidant	0,25 - <1,00%	204-881-4	01-2119565113-46	
aromatic phosphoric acid ester derivative	0,10 - <0,25%	Confidential	Confidential	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

### Classification

Chemical name	Classification	
phenolic antioxidant	CLP:	Aquatic Acute 1;H400, Aquatic Chronic 1;H410
aromatic phosphoric acid ester derivative	CLP:	Aquatic Acute 1;H400, Aquatic Chronic 1;H410

CLP: Regulation No. 1272/2008.

For the wording of the listed risk phrases refer to section 16.

## SECTION 4: First aid measures

**General:** Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into clothing pockets.

### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.



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**Skin Contact:** Wash with soap and water. The product is not skin irritating.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** May cause skin and eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed**

**Hazards:** No data available.

**Treatment:** Get medical attention if symptoms occur.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**5.2 Special hazards arising from the substance or mixture:** During fire, gases hazardous to health may be formed.

**5.3 Advice for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

**6.2 Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

**6.3 Methods and material for containment and cleaning up:** Scrape up spillage or absorb with absorbing material. Dispose of the material collected according to regulations.

**6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

Product name: RENOLIT CX-CVP 1

## SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Provide adequate ventilation. Observe good industrial hygiene practices. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.
- 7.2 Conditions for safe storage, including any incompatibilities:** Local regulations concerning handling and storage of waterpolluting products have to be followed.
- 7.3 Specific end use(s):** not applicable

**Storage Class:** 11, Combustible solids

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

### 8.2 Exposure controls

**Appropriate engineering controls:** No data available.

#### Individual protection measures, such as personal protective equipment

**General information:** Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

**Eye/face protection:** Safety glasses (EN 166) recommended during refilling.

#### Skin protection

**Hand Protection:** Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Other:** Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

**Respiratory Protection:** Not relevant, due to the form of the product.

**Thermal hazards:** No data available.

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**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.

**Environmental Controls:** No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	Black
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	not applicable
<b>Melting Point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%)—:</b>	No data available.
<b>Flammability Limit - Lower (%)—:</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	0,89 g/ml (25,00 °C)

#### Solubility(ies)

<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	No data available.

**Partition coefficient (n-octanol/water):** No data available.

**Autoignition Temperature:** No data available.

**Decomposition Temperature:** No data available.

**NLGI:** 1

**Explosive properties:** No data available.

**Oxidizing properties:** No data available.

**9.2 Other information** No data available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity:** Stable under normal temperature conditions and recommended use.

**10.2 Chemical Stability:** No data available.

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<b>10.3 Possibility of hazardous reactions:</b>	None under normal conditions.
<b>10.4 Conditions to avoid:</b>	Avoid heat or contamination.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing substances. Strong acids. Strong bases.
<b>10.6 Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Oral

###### Product:

Not classified for acute toxicity based on available data.

###### Specified substance(s)

phenolic antioxidant  
aromatic phosphoric acid  
ester derivative

LD 50 (Rat): 2.930 mg/kg (OECD 401)  
No data available.

##### Dermal

###### Product:

Not classified for acute toxicity based on available data.

###### Specified substance(s)

phenolic antioxidant  
aromatic phosphoric acid  
ester derivative

LD 50 (Rat): > 5.000 mg/kg (OECD 402)  
No data available.

##### Inhalation

###### Product:

Not classified for acute toxicity based on available data.

###### Specified substance(s)

phenolic antioxidant  
aromatic phosphoric acid  
ester derivative

No data available.  
No data available.

##### Repeated dose toxicity

###### Product:

No data available.

###### Specified substance(s)

phenolic antioxidant  
aromatic phosphoric acid  
ester derivative

(Rat, Oral, 28 d): 25 mg/kg  
No data available.

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**Skin Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Serious Eye Damage/Eye Irritation:**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Respiratory or Skin Sensitization:**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	
	No sensitizing effect (guinea pig); OECD 406
aromatic phosphoric acid	No data available.
ester derivative	

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**In vivo**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Carcinogenicity**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Reproductive toxicity**

**Product:** No data available.

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**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Aspiration Hazard**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	No data available.
aromatic phosphoric acid	No data available.
ester derivative	

**Other Adverse Effects:** No data available.

<b>SECTION 12: Ecological information</b>
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**12.1 Toxicity**

**Acute toxicity**

**Fish**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	LC 50 (Fish, 96 h): > 0,57 mg/l (OECD 203)
aromatic phosphoric acid	LC 50 (Fish, 96 h): 0,8 mg/l
ester derivative	

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s)**

phenolic antioxidant	EC 50 (Water Flea, 48 h): > 0,17 mg/l
aromatic phosphoric acid	EC 50 (Water Flea, 48 h): 0,202 mg/l



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ester derivative

## Chronic Toxicity

### Fish

**Product:** No data available.

#### Specified substance(s)

phenolic antioxidant No data available.

aromatic phosphoric acid No data available.

ester derivative

### Aquatic Invertebrates

**Product:** No data available.

#### Specified substance(s)

phenolic antioxidant NOEC (Water Flea, 21 d): > 0,39 mg/l

aromatic phosphoric acid No data available.

ester derivative

### Toxicity to Aquatic Plants

**Product:** No data available.

#### Specified substance(s)

phenolic antioxidant EC 50 (Alga, 72 h): > 0,42 mg/l

aromatic phosphoric acid No data available.

ester derivative

## 12.2 Persistence and Degradability

### Biodegradation

**Product:** No data available.

#### Specified substance(s)

phenolic antioxidant 30 %

aromatic phosphoric acid No data available.

ester derivative

## 12.3 Bioaccumulative Potential

**Product:** No data available.

#### Specified substance(s)

phenolic antioxidant May be accumulated in organism

aromatic phosphoric acid No data available.

ester derivative

## 12.4 Mobility in Soil:

No data available.

### Known or predicted distribution to environmental compartments

phenolic antioxidant No data available.

aromatic phosphoric acid No data available.

ester derivative



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**12.5 Results of PBT and vPvB assessment:** No data available.

phenolic antioxidant No data available.  
aromatic phosphoric acid No data available.  
ester derivative

**12.6 Other Adverse Effects:** Harmful to aquatic life with long lasting effects.

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**General information:** Dispose in accordance with all applicable regulations.

**Disposal methods:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

#### European Waste Codes

12 01 12\*: spent waxes and fats

## SECTION 14: Transport information

### ADR/RID

14.1 UN Number: —  
14.2 UN Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
Class: Non-dangerous goods  
Label(s): —  
Hazard No. (ADR): —  
Tunnel restriction code: —  
14.4 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

### ADN

14.1 UN Number: —  
14.2 UN Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
Class: Non-dangerous goods  
Label(s): —  
14.3 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

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**IMDG**

14.1 UN Number: —  
14.2 UN Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
    Class: Non-dangerous goods  
    Label(s): —  
    EmS No.: —  
14.3 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

**IATA**

14.1 UN Number: —  
14.2 Proper Shipping Name: —  
14.3 Transport Hazard Class(es):  
    Class: Non-dangerous goods  
    Label(s): —  
14.4 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** not applicable.

<b>SECTION 15: Regulatory information</b>
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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EU Regulations**

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

<b>SECTION 16: Other information</b>
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**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

**Training information:** Follow training instructions when handling this material.

**Other information:** The classification is in line with current EC lists. It is expanded, however, by

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information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in regulation EU 1272/2008 (CLP).

**Revision Date:**  
**Disclaimer:**

20.08.2015

The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.