

# Renolit LX P LT

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Issue date: 14/07/2025

Revision date: 14/07/2025

Version: 1.0

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form	Mixture
Trade name	Renolit LX P LT
Product code	BU ET&A

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use	Lubricant
Restrictions on use	For professional use only

#### 1.4. Details of manufacturer or importer

##### Supplier

FUCHS LUBRICANTS GERMANY GmbH  
Friesenheimer Str. 19  
Mannheim 68169  
Germany  
T +49 621 3701-0  
[produktsicherheit-FLG@fuchs.com](mailto:produktsicherheit-FLG@fuchs.com)

##### Department issuing data specification sheet:

Hilti AG  
Feldkircherstraße 100  
Schaan 9494  
Liechtenstein  
T +423 234 2111  
[product.compliance-power.tools@hilti.com](mailto:product.compliance-power.tools@hilti.com)

#### 1.5. Emergency phone number

Emergency number	Emergency CONTACT (24-Hour-Number): GBK GmbH Global Regulatory Compliance +49 (0)6132-84463
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Country	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre The Children's Hospital at Westmead	Locked Bag 4001 NSW 2145	13 11 26	

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin sensitisation, Category 1

H317

#### 2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU)



Exclamation  
mark

Signal word (GHS AU)

Contains

Hazard statements (GHS AU)

Precautionary statements (GHS AU)

Warning  
organic polysulphide (1 – 5 %)  
H317 - May cause an allergic skin reaction  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

#### 2.3. Other hazards which do not result in classification

No additional information available

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### SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
organic polysulphide	68425-15-0	1 – 5	Skin Sens. 1B, H317

### SECTION 4: First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general	Take off immediately all contaminated clothing.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	Take off immediately all contaminated clothing and wash it before reuse. Wash skin with mild soap and water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

#### 4.2. Symptoms caused by exposure

Symptoms/effects	Symptoms may be delayed.
Symptoms/effects after skin contact	May cause an allergic skin reaction.

#### 4.3. Medical attention and special treatment

Other medical advice or treatment	Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	Carbon dioxide. Dry powder. Alcohol-resistant foam. Water spray.
Unsuitable extinguishing media	Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Explosion hazard	No direct explosion hazard.
General measures	Spilled material may present a slipping hazard.
Hazardous decomposition products in case of fire	Carbon dioxide. Carbon monoxide.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	Spilled material may present a slipping hazard.
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##### 6.1.1. For non-emergency personnel

Protective equipment	Wear recommended personal protective equipment.
Emergency procedures	Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

Protective equipment	Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
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Emergency procedures

Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and materials for containment and cleaning up

For containment

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up

Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling

Ensure good ventilation of the work station. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapours, spray. 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 vapour.

Hygiene measures

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Keep in a cool, well-ventilated place away from heat.

Storage conditions

Keep cool. Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Keep only in original container.

Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

### 8.2. Biological Monitoring

Monitoring methods

A specific exposure sampling method is not available.

### 8.3. Engineering controls

Appropriate engineering controls

Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment

Avoid all unnecessary exposure.

Hand protection

Avoid repeated or prolonged contact with the skin. Nitrile rubber gloves

Eye protection

Chemical goggles or safety glasses

Skin and body protection

Wear suitable protective clothing

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s)



Environmental exposure controls

Avoid release to the environment.

Other information

Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

Physical state	Solid
Appearance	Pasty.
Colour	Yellow
Odour	characteristic
Odour threshold	No data available
pH	No data available
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Flammability	No data available
Vapour pressure	No data available
Relative density	No data available
Density	Density: 0.9 g/cm <sup>3</sup> (20 °C)
Solubility	Material insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	No data available
Explosive properties	No data available
Explosive limits	No data available
Minimum ignition energy	No data available
Fat solubility	No data available

### SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition generates : carbon oxides. Toxic gases. Toxic vapours.

### SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

organic polysulphide (68425-15-0)	
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Component	
triphenyl phosphate (115-86-6)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)

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Potential adverse human health effects and symptoms

Based on available data, the classification criteria are not met

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
Other information	: Avoid release to the environment.

organic polysulphide (68425-15-0)	
Partition coefficient n-octanol/water (Log Pow)	> 6.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	8.5 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)

#### 12.2. Persistence and degradability

Renolit LX P LT	
Persistence and degradability	No additional information available.
organic polysulphide (68425-15-0)	
Persistence and degradability	Not readily biodegradable in water.

#### 12.3. Bioaccumulative potential

Renolit LX P LT	
Bioaccumulative potential	Not established.
organic polysulphide (68425-15-0)	
Partition coefficient n-octanol/water (Log Pow)	> 6.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	8.5 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).

#### 12.4. Mobility in soil

organic polysulphide (68425-15-0)	
Surface tension	Not applicable, OECD 115: Surface Tension of Aqueous Solutions
Ecology - soil	Adsorbs into the soil.
Partition coefficient n-octanol/water (Log Pow)	> 6.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)

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organic polysulphide (68425-15-0)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	8.5 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)

### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

Renolit LX P LT	
Fluorinated greenhouse gases	False
organic polysulphide (68425-15-0)	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

Regional waste regulation	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Additional information	Do not re-use empty containers.
Ecological waste information	Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
<b>14.1. UN number or ID number</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

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### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations

No additional information available

### 15.2. International agreements

No additional information available

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### SECTION 16: Other information

#### Abbreviations and acronyms

ACGIH - American Conference of Government Industrial Hygienists  
 ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE - Acute Toxicity Estimate  
 BCF - Bioconcentration factor  
 BLV - Biological limit value  
 BOD - Biochemical oxygen demand (BOD)  
 CAS-No. - Chemical Abstract Service number  
 CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
 COD - Chemical oxygen demand (COD)  
 CSA - Chemical safety assessment  
 DMEL - Derived Minimal Effect level  
 DNEL - Derived-No Effect Level  
 EC-No. - European Community number  
 EC50 - Median effective concentration  
 ED - Endocrine disruptor  
 EN - European Standard  
 EWC - European waste catalogue  
 IARC - International Agency for Research on Cancer  
 IATA - International Air Transport Association  
 IMDG - International Maritime Dangerous Goods  
 LC50 - Median lethal concentration  
 LD50 - Median lethal dose  
 LOAEL - Lowest Observed Adverse Effect Level  
 Log Kow - Partition coefficient n-octanol/water (Log Kow)  
 Log Pow - Partition coefficient n-octanol/water (Log Pow)  
 MAK - maximum workplace concentration  
 NOAEC - No-Observed Adverse Effect Concentration  
 NOAEL - No-Observed Adverse Effect Level  
 NOEC - No-Observed Effect Concentration  
 N.O.S. - Not Otherwise Specified  
 OECD - Organisation for Economic Co-operation and Development  
 OEL - Occupational Exposure Limit  
 OSHA - Occupational Safety Health Administration  
 PBT - Persistent Bioaccumulative Toxic  
 PNEC - Predicted No-Effect Concentration  
 PPE - Personal protection equipment  
 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
 SDS - Safety Data Sheet  
 STP - Sewage treatment plant  
 TF - Technical function  
 ThOD - Theoretical oxygen demand (ThOD)  
 TLM - Median Tolerance Limit  
 TWA - Time Weighted Average  
 VOC - Volatile Organic Compounds  
 vPvB - Very Persistent and Very Bioaccumulative  
 UFI - Unique Formula Identifier  
 14/07/2025  
 None.

Revision date

Other information

Classification	
Skin Sens. 1	H317





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Full text of H-statements	
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
H317	May cause an allergic skin reaction

SDS\_AU\_Hilti

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.