

# Renolit LX P 00

according to MoL regulation (10702052242)

Issue date: 2025/06/23

Revision date: 2025/06/23

Supersedes:

Version: 1.0

## 1. Identification of the chemical and of the business entity

|   |   |
|---|---|
| Chemical name   | Renolit LX P 00 (formerly Gearmaster LXG 00)  |
| Product code  | BU ET&A   |
| Other Names   | –   |
| Recommended use   | Lubricant   |
| Restrictions on use   | For professional use only   |
| Names, addresses, and phone numbers of manufacturer, importer or supplier | <p><b>Supplier</b></p> <p>FUCHS LUBRICANTS GERMANY GmbH<br/>         68169 Germany Mannheim Friesenheimer Str. 19<br/>         T +49 621 3701-0<br/> <a href="mailto:produktsicherheit-FLG@fuchs.com">produktsicherheit-FLG@fuchs.com</a></p> <p><b>Department issuing data specification sheet</b></p> <p>Hilti AG<br/>         9494 Liechtenstein Schaan Feldkircherstraße 100<br/>         T +423 234 2111<br/> <a href="mailto:product.compliance-power.tools@hilti.com">product.compliance-power.tools@hilti.com</a></p> |
| Emergency number  | GBK GmbH Global Regulatory Compliance<br>+49 (0)6132-84463  |

## 2. Hazard(s) identification

### GHS classification (Taiwan)

–

### Label content

|   |   |
|---|---|
| Hazard pictograms (GHS TW)                          | – |
| Signal word (GHS TW)                                | – |
| Hazard statements (GHS TW)                          | – |
| Precautionary statements                            | – |
| Prevention precautionary statements                 | – |
| Response Precautionary Statements                   | – |
| Storage precautionary statements                    | – |
| Disposal precautionary statements                   | – |
| Other hazards which do not result in classification | – |

## 3. Composition/information on ingredients

### Substance:

Not applicable

### Mixture:

Chemical properties Refer to Section 9

# Renolit LX P 00

according to MoL regulation (10702052242)

| Name  | CAS-No.    | Concentration | Classification according to the United Nations GHS   |
|---|------------|---------------|--|
| Benzenamine, N-phenyl-, reaction products with 2, 4, 4-trimethylpentene | 68411-46-1 | 0.1 - 1       | Toxic to reproduction, Category 2, H361<br>Hazardous to the aquatic environment - Chronic Hazard, Category 3, H412 |

## 4. First-aid measures

### First aid measures for different exposure routes

|   |   |
|---|---|
| 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 - Allow the victim to rest - If experiencing respiratory symptoms: Call a poison center or a doctor |
| First-aid measures after skin contact         | Gently wash with plenty of soap and water.  |
| 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.   |
| <b>Most Important Symptoms/Effects</b>        |   |
| Symptoms/effects after skin contact           | Causes skin irritation.   |
| Symptoms/effects after eye contact            | Causes eye irritation   |
| <b>Protection for the first aid staff</b>     |   |
| Personal Protection in First Aid and Measures | Not applicable  |
| <b>Notes to physician</b>                     |   |
| Other medical advice or treatment             | Get medical attention if symptoms occur   |

## 5. Firefighting measures

### Extinguishing media

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

### Specific hazards arising from firefighting measures

|  |   |
|--|---|
| Fire hazard                                      | -   |
| Explosion hazard                                 | No direct explosion hazard  |
| General measures                                 | Spilled material may present a slipping hazard                          |
| Reactivity in case of fire                       | Formation of toxic gases is possible during heating or in case of fire. |
| Hazardous decomposition products in case of fire | Carbon dioxide. Carbon monoxide.  |

# Renolit LX P 00

according to MoL regulation (10702052242)

## Specific firefighting methods

|                           |  |
|---------------------------|--|
| Firefighting instructions | Exercise caution when fighting any chemical fire – Prevent fire fighting water from entering the environment |
|---------------------------|--|

## Special protective equipment and precautions for fire-fighters

|  |  |
|--|--|
| Protection during firefighting           | Do not enter fire area without proper protective equipment, including respiratory protection – Self-contained breathing apparatus – Complete protective clothing |
| Personal protection (Emergency response) | –  |

## 6. Accidental release measures

### Personal precautions

|                                    |   |
|------------------------------------|---|
| General measures                   | Spilled material may present a slipping hazard  |
| <b>For non-emergency personnel</b> |   |
| Protective equipment               | Wear recommended personal protective equipment  |
| Emergency procedures               | Ventilate spillage area<br>Evacuate unnecessary personnel   |
| <b>For emergency responders</b>    |   |
| Protective equipment               | Do not attempt to take action without suitable protective equipment<br>Equip cleanup crew with proper protection<br>For further information refer to section 8: "Exposure controls/personal protection" |
| Emergency procedures               | Ventilate area<br>Evacuate unnecessary personnel<br>Stop leak if safe to do so.   |

### Environmental precautions

|                           |  |
|---------------------------|--|
| Environmental precautions | Prevent entry to sewers and public waters<br>Notify authorities if liquid enters sewers or public waters<br>Avoid release to the environment |
|---------------------------|--|

### Methods and material for containment and cleaning up

|                         |  |
|-------------------------|--|
| For containment         | Absorb spilled material with sand or earth<br>Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams  |
| Methods for cleaning up | Shovel or sweep up and put in a closed container for disposal<br>Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible<br>Collect spillage.<br>Store away from other materials. |
| Other information       | Dispose of materials or solid residues at an authorized site   |

# Renolit LX P 00

according to MoL regulation (10702052242)

## 7. Handling and storage

### Handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | <p>Ensure good ventilation of the work station</p> <p>Wear personal protective equipment</p> <p>Do not get in eyes, on skin, or on clothing.</p> <p>Do not breathe vapours, spray.</p> <p>Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work</p> <p>Provide good ventilation in process area to prevent formation of vapour</p> |
| Hygiene measures              | <p>Do not eat, drink or smoke when using this product.</p> <p>Always wash hands after handling the product</p>  |

### Storage

|                        |   |
|------------------------|---|
| Technical measures     | Keep in a cool, well-ventilated place away from heat  |
| Storage conditions     | <p>Keep cool. Protect from sunlight.</p> <p>Keep container closed when not in use</p> <p>Keep only in original container.</p> |
| Incompatible materials | <p>Sources of ignition</p> <p>Direct sunlight</p>   |

## 8. Exposure controls/personal protection

|                                  |   |
|----------------------------------|---|
| Appropriate engineering controls | Ensure good ventilation of the work station |
|----------------------------------|---|

### Control parameters

No additional information available

#### Personal protective equipment

##### General:

Personal protective equipment:  
Avoid all unnecessary exposure.

##### Respiratory protection:

|                        |  |
|------------------------|--|
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment |
|------------------------|--|

##### Hand protection:

|                 |  |
|-----------------|--|
| Hand protection | Avoid repeated or prolonged contact with the skin. Nitrile rubber gloves |
|-----------------|--|

##### Eye protection:

|                |                                    |
|----------------|------------------------------------|
| Eye protection | Chemical goggles or safety glasses |
|----------------|------------------------------------|

##### Skin and body protection:

|                          |                                   |
|--------------------------|-----------------------------------|
| Skin and body protection | Wear suitable protective clothing |
|--------------------------|-----------------------------------|

##### Personal protective equipment symbol(s):



##### Hygiene measures:

Do not eat, drink or smoke when using this product.  
Always wash hands after handling the product

# Renolit LX P 00

according to MoL regulation (10702052242)

## 9. Physical and chemical properties

|   |                                   |
|---|-----------------------------------|
| Appearance                                      | Pasty                             |
| Physical state                                  | Solid                             |
| Colour  | Yellow                            |
| Odour   | characteristic                    |
| Odour threshold [ppm]                           | No data available                 |
| pH  | No data available                 |
| Evaporation rate                                | No data available                 |
| Melting point                                   | No data available                 |
| Boiling point                                   | No data available                 |
| Flash point                                     | No data available                 |
| Auto-ignition temperature                       | No data available                 |
| Decomposition temperature                       | No data available                 |
| Flammability (solid, gas)                       | No data available                 |
| Vapour pressure                                 | No data available                 |
| Relative vapour density at 20° C                | No data available                 |
| Density   | 0.9 g/cm <sup>3</sup> (20 ° C)    |
| Solubility                                      | Practically insoluble in : water. |
| Partition coefficient n-octanol/water (Log Kow) | No data available                 |
| Explosive limits (vol %)                        | No data available                 |

## 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<br>Strong bases<br>Strong oxidizing agents   |
| Hazardous decomposition products   | Under normal conditions of storage and use, hazardous decomposition products should not be produced<br>Thermal decomposition generates :<br>carbon oxides<br>Toxic gases<br>Toxic vapours |

## 11. Toxicological information

### Routes of exposure

No additional information available

### Symptoms

Potential adverse human health effects and      Based on available data, the classification criteria are not met

### Acute toxicity

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

# Renolit LX P 00

according to MoL regulation (10702052242)

|   |                   |
|---|-------------------|
| <b>Skin corrosion/irritation</b>              |                   |
| Skin corrosion/irritation                     | Not classified    |
| <b>Serious eye damage/irritation</b>          |                   |
| Serious eye damage/irritation                 | Not classified    |
| <b>Respiratory or skin sensitisation</b>      |                   |
| Respiratory or skin sensitisation             | Not classified    |
| <b>Chronic toxicity or long-term toxicity</b> |                   |
| <b>Germ cell mutagenicity</b>                 |                   |
| Germ cell mutagenicity                        | Not classified    |
| <b>Carcinogenicity</b>                        |                   |
| Carcinogenicity                               | Not classified    |
| <b>Reproductive toxicity</b>                  |                   |
| Reproductive toxicity                         | Not classified    |
| <b>STOT-single exposure</b>                   |                   |
| STOT-single exposure                          | Not classified    |
| <b>STOT-repeated exposure</b>                 |                   |
| STOT-repeated exposure                        | Not classified    |
| <b>Aspiration hazard</b>                      |                   |
| Aspiration hazard                             | Not classified    |
| Viscosity, kinematic                          | No data available |

## 12. Ecological information

|   |   |
|---|---|
| <b>Ecotoxicity</b>  |   |
| Ecology - general   | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| <b>Hazardous to the aquatic environment, short-term (acute)</b>                           |   |
| Hazardous to the aquatic environment, short-term (acute)                                  | Not classified  |
| <b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)</b> |   |
| LC50 - Fish [1]   | > 100 mg/l  |
| LC50 - Other aquatic organisms [1]  | > 100 mg/l  |
| <b>Hazardous to the aquatic environment, long-term (chronic)</b>                          |   |
| Hazardous to the aquatic environment, long-term (chronic)                                 | Not classified  |
| <b>Additional ecotoxicological information</b>  |   |
| No additional information available   |   |

|                                      |  |
|--------------------------------------|--|
| <b>Persistence and degradability</b> |  |
| No additional information available  |  |

|                                  |                 |
|----------------------------------|-----------------|
| <b>Bioaccumulative potential</b> |                 |
| <b>Renolit LX P 00</b>           |                 |
| Bioaccumulative potential        | Not established |

# Renolit LX P 00

according to MoL regulation (10702052242)

|  |     |
|--|-----|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) |     |
| Bioconcentration factor (BCF REACH)  | 411 |

## Mobility in soil

No additional information available

## Other adverse effects

|                   |                                   |
|-------------------|-----------------------------------|
| Ozone             | Not classified                    |
| Other information | Avoid release to the environment. |

## 13. Disposal considerations

|  |   |
|--|---|
| Waste treatment methods                    | Dispose of contents/container in accordance with licensed collector' s sorting instructions |
| Ecological waste information               | Avoid release to the environment.   |
| 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  |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

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

## 14.6. Special precautions for user

|  |
|--|
| <b>Overland transport</b><br>Not regulated |
|--|

|  |
|--|
| <b>Transport by sea</b><br>Not regulated |
|--|

|                                       |
|---------------------------------------|
| <b>Air transport</b><br>Not regulated |
|---------------------------------------|

# Renolit LX P 00

according to MoL regulation (10702052242)

|                       |
|-----------------------|
| <b>Rail transport</b> |
| Not regulated         |

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

Not applicable

## 15. Regulatory information

### Applicable regulations

- Occupational Safety and Health Act
- Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste
- Traffic Safety Rule

## 16. Other information

|                              |  |
|------------------------------|--|
| <b>Literature references</b> | –  |
| Version                      | 1.0  |
| Issue date                   | 2025/06/23   |
| Revision date                | 2025/06/23   |
| Supersedes                   | –  |
| 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 |
| Other information            | None   |

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.