

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

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

**1.1 Product identifier**

Trade name : PRIOLUBE™ 1935-LQ-(GD)  
Product code : ESG1935  
Registration number : Confidential  
Substance name : Ester

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

Use of the Sub- : Lubricant base fluid  
stance/Mixture

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

Company : Croda Europe Limited  
Cowick Hall  
Snaith  
Goole  
DN14 9AA  
East Riding of Yorkshire  
GB  
  
Telephone : +441405860551  
  
Telefax : +441405860205  
  
E-mail address : SDSCompiler@Croda.com

**1.4 Emergency telephone number**

USA: 24 Hour Emergency Response Information CHEMTREC toll free: 1-800-424-9300;  
direct/international: 1-703-527-3887. CANADA: GFL 1-877-898-7222. EUROPE: 00 32  
3575 5555. ASIA PACIFIC - excl. China: +65 6542-9595. CHINA: +86 816-635 2206.  
AUSTRALIA: +61 2 7808 3390. SOUTH AFRICA: +32 3 575 55 55. BRASIL: Ambipar 0800  
117 2020. LATAM: Suatrans (+55) 11 98149-0850 / (+55) 19 3833-5300. INDIA: +91 22  
30948601/2. JAPAN: +65 6542 9595 (24時間日本語対応無料通話, シンガポール).  
TÜRKIYE: Sağlık Bakanlığı Ulusal Zehir Merkezi - 114

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**Classification (67/548/EEC, 1999/45/EC)**

Not a hazardous substance or mixture.

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

---

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Substance name : Ester

**Hazardous components**

No hazardous ingredients

---

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

If inhaled : If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.

In case of eye contact : Immediately flush eye(s) with plenty of water.  
If eye irritation persists, consult a specialist.

If swallowed : If symptoms persist, call a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms : None known.

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

Treatment : None known.

---

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing : High volume water jet

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

media

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.  
Do not allow run-off from fire fighting to enter drains or water courses.

In case of fire hazardous decomposition products may be produced such as:  
Carbon oxides

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

---

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.

**6.4 Reference to other sections**

None.

---

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

**7.3 Specific end use(s)**

Specific use(s) : Lubricant base fluid

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: Workers

Exposure routes: Skin contact, Inhalation

Potential health effects: Acute systemic effects

Remarks: Not applicable

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: Workers

Exposure routes: Skin contact

Potential health effects: Acute local effects

Remarks: Not applicable

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: Workers

Exposure routes: Skin contact

Potential health effects: Long-term systemic effects

Value: 326 mg/kg bw/day

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: Workers

Exposure routes: Inhalation

Potential health effects: Long-term systemic effects

Value: 18.2 mg/m<sup>3</sup>

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: Workers

Exposure routes: Skin contact, Inhalation

Remarks: Not applicable

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: general public

Exposure routes: Skin contact, Inhalation, Ingestion

Potential health effects: Acute systemic effects

Remarks: Not applicable

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: general public

Exposure routes: Skin contact, Inhalation

Potential health effects: Acute local effects

Remarks: Not applicable

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: general public

Exposure routes: Skin contact

Potential health effects: Long-term systemic effects

Value: 196 mg/kg bw/day

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: general public

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 5.6 mg/m<sup>3</sup>

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: general public  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 19.6 mg/kg bw/day

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

End Use: general public  
Exposure routes: Skin contact, Inhalation  
Potential health effects: Long-term local effects  
Remarks: Not applicable

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Fresh water  
No data available

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Marine water  
No data available

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Water  
Intermittent use/release, No data available

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Fresh water sediment  
No data available

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Marine sediment  
No data available

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Soil  
Not applicable

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Oral  
Value: 122 mg/kg  
Secondary Poisoning

**8.2 Exposure controls**

**Personal protective equipment**

Eye protection : Safety glasses with side-shields  
Hand protection :  
Remarks : For prolonged or repeated contact use protective gloves.

## PRIOLUBE™ 1935-LQ-(GD)

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

Skin and body protection : Impervious clothing  
Respiratory protection : No personal respiratory protective equipment normally required.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance : liquid  
Colour : yellow  
Odour : mild  
Odour Threshold : No data available  
  
pH : Not applicable  
  
Pour point : < -60 °C  
  
Melting point : < -20 °C  
  
Boiling point/boiling range : 385 °C  
(1,013 hPa)  
  
Flash point : 221 °C  
  
Evaporation rate : No data available  
Upper explosion limit : Not applicable  
  
Lower explosion limit : Not applicable  
  
Vapour pressure : 0.0000153 Pa (20 °C)  
  
Relative vapour density : No data available  
  
Density : 0.918 g/cm<sup>3</sup> (20 °C)  
  
Solubility(ies)  
Water solubility : < 0.1 mg/l (20 °C)  
  
Solubility in other solvents : not determined  
  
Partition coefficient: n-octanol/water : log Pow: estimated 10.1 (25 °C)  
  
Auto-ignition temperature : Not applicable  
  
Thermal decomposition : No data available  
  
Viscosity  
Viscosity, dynamic : No data available

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

Viscosity, kinematic : 13.8 mm<sup>2</sup>/s (40 °C)

3.5 mm<sup>2</sup>/s (100 °C)

Explosive properties : Not explosive

Oxidizing properties : Not applicable

**9.2 Other information**

Surface tension : Not applicable

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No data available

**10.2 Chemical stability**

No data available

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Hazardous polymerisation does not occur.  
Stable under recommended storage conditions.

**10.4 Conditions to avoid**

Conditions to avoid : None known.

**10.5 Incompatible materials**

Materials to avoid : Strong oxidizing agents

**10.6 Hazardous decomposition products**

Hazardous decomposition products : No data available

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

**Product:**

Acute oral toxicity : Assessment: The substance or mixture has no acute oral toxicity  
Remarks: Not applicable  
Information given is based on data obtained from similar substances.

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

LD50 Oral (Rat): > 10,000 mg/kg

Acute inhalation toxicity : Remarks: Not applicable

Acute dermal toxicity : LD50 Dermal (Rat): > 2000 mg/kg bw  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: No mortality observed at this dose.

LD50 Dermal (Rat): > 5,000 mg/kg

**Skin corrosion/irritation**

**Product:**

Species: reconstructed human epidermis (RhE)  
Assessment: Based on available data, the classification criteria are not met.  
Method: OECD Test Guideline 439  
Result: Not irritating

**Serious eye damage/eye irritation**

**Product:**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: Not irritating

**Respiratory or skin sensitisation**

**Product:**

Test Type: Buehler Test  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Did not cause sensitisation on laboratory animals.

Assessment: Based on available data, the classification criteria are not met.  
Remarks: Information given is based on data obtained from similar substances.

**Germ cell mutagenicity**

**Product:**

Genotoxicity in vitro : Test Type: In vitro gene mutation study in bacteria  
Test species: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

**Carcinogenicity**

**Product:**

Remarks: Not applicable



**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

This information is not available.

**Reproductive toxicity**

**Product:**

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

**STOT - single exposure**

**Product:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

**STOT - repeated exposure**

**Product:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Repeated dose toxicity**

**Product:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.  
Remarks: Information given is based on data obtained from similar substances.

**Aspiration toxicity**

**Product:**

No aspiration toxicity classification

---

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

Toxicity to fish : EC50 (Fish): estimated > 1 mg/l  
Remarks: No toxicity at the limit of solubility  
Information given is based on data obtained from similar substances.

Toxicity to daphnia and other aquatic invertebrates : EC50 : estimated > 1.6 mg/l  
Remarks: No toxicity at the limit of solubility  
Information given is based on data obtained from similar substances.

Toxicity to algae : EC50 (algae): estimated > 1.4 mg/l  
Remarks: No toxicity at the limit of solubility  
Information given is based on data obtained from similar substances.

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: estimated > 0.77 mg/l  
Species: Daphnia (water flea)  
Remarks: No toxicity at the limit of solubility  
Information given is based on data obtained from similar substances.

**12.2 Persistence and degradability**

**Product:**

Biodegradability : Result: Readily biodegradable  
Remarks: Information given is based on data obtained from similar substances.

**12.3 Bioaccumulative potential**

**Product:**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

**12.4 Mobility in soil**

**Product:**

Distribution among environmental compartments : Remarks: No data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

**12.6 Other adverse effects**

**Product:**

Environmental fate and pathways : None.

---

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Product : Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.

Contaminated packaging : Empty remaining contents.

---

**SECTION 14: Transport information**

**14.1 UN number**

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

Not regulated as a dangerous good

**14.2 Proper shipping name**

Not regulated as a dangerous good

**14.3 Transport hazard class**

Not regulated as a dangerous good

**14.4 Packing group**

Not regulated as a dangerous good

**14.5 Environmental hazards**

Not regulated as a dangerous good

**14.6 Special precautions for user**

Remarks : Not classified as dangerous in the meaning of transport regulations.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

---

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Water contaminating class : nwg not water endangering  
(Germany)

**The components of this product are reported in the following inventories:**

TSCA	: All chemical substances in this product are listed on the TSCA Inventory.
REACH	: On the inventory, or in compliance with the inventory
CH INV	: On the inventory, or in compliance with the inventory
DSL	: All components of this product are on the Canadian DSL
AICS	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

**PRIOLUBE™ 1935-LQ-(GD)**

Version 2.0

Revision Date 20.01.2016

Print Date 14.10.2021

For explanation of abbreviations see section 16.

**15.2 Chemical Safety Assessment**

not hazardous

---

**SECTION 16: Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

**Further information**

Other information : Additions, Deletions, Revisions  
Section 1 - 16

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.