

**Trade name:** Moly LG Grease No. 1,2**Product no.:** 017-27014-05**Current version :** 3.0.0, issued: 17.07.2018**Replaced version:** 2.0.0, issued: 21.01.2015**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

**Moly LG Grease No. 1,2****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Chemical processes general

**Uses advised against**

No data available.

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

Shimadzu Europa GmbH

Albert-Hahn-Str. 6-10

47269 Duisburg

Telephone no. +49 (0)203 - 7687-0

Fax no. +49 (0)203 - 711045

**Information provided by / telephone**

Tel.: +49 (0)203 - 7687-0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

**1.4 Emergency telephone number**

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 3; H412

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

-

**Signal word**

-

**Hazard statement(s)**

H412

Harmful to aquatic life with long lasting effects.

**Precautionary statement(s)**

P273

Avoid release to the environment.

P501

Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

No data available.

Trade name: Moly LG Grease No. 1,2

Product no.: 017-27014-05

Current version : 3.0.0, issued: 17.07.2018

Replaced version: 2.0.0, issued: 21.01.2015

Region: GB

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	<b>2,6-di-tert-butyl-p-cresol</b>			
	128-37-0 204-881-4 - -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 1.00	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

In case of accident or if you feel unwell, seek medical advice immediately. Change contaminated, saturated clothing.

**After inhalation**

Remove affected person from the immediate area. Ensure supply of fresh air. In case of breathing difficulties give oxygen.

**After skin contact**

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an ophthalmologist.

**After ingestion**

Seek medical advice immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Foam; Carbon dioxide; Extinguishing powder; Water spray jet

**Unsuitable extinguishing media**

No data available.

**5.2 Special hazards arising from the substance or mixture**In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO); Combustion products of this material have to be classed invariably as respiratory poison.**5.3 Advice for firefighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

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

Take up mechanically. When picked up, treat material as prescribed under heading "Disposal considerations".

Trade name: Moly LG Grease No. 1,2

Product no.: 017-27014-05

Current version : 3.0.0, issued: 17.07.2018

Replaced version: 2.0.0, issued: 21.01.2015

Region: GB

**6.4 Reference to other sections**

No data available.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

Avoid contact with skin and eyes. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Provide eye wash fountain in work area.

**Advice on protection against fire and explosion**

Take precautionary measures against static charges. Keep away from sources of heat and ignition.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed in a cool, well-ventilated place. Protect from light.

**Requirements for storage rooms and vessels**

Store product in closed containers.

**Advice on storage assembly**

Do not store together with oxidizing agents.

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
	2,6-Ditertiary-butyl-para-cresol		
	TWA	10	mg/m <sup>3</sup>

**8.2 Exposure controls****Appropriate engineering controls**

No data available.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Eye / face protection**

Safety glasses (EN 166)

**Hand protection**

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves. Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product.

**Other**

Normal chemical work clothing.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form/Colour
pasty
dark grey

Trade name: Moly LG Grease No. 1,2

Product no.: 017-27014-05

Current version : 3.0.0, issued: 17.07.2018

Replaced version: 2.0.0, issued: 21.01.2015

Region: GB

<b>Odour</b>			
oily			
<b>Odour threshold</b>			
No data available			
<b>pH value</b>			
No data available			
<b>Boiling point / boiling range</b>			
No data available			
<b>Melting point / melting range</b>			
No data available			
<b>Decomposition point / decomposition range</b>			
No data available			
<b>Flash point</b>			
Value		200	°C
<b>Auto-ignition temperature</b>			
No data available			
<b>Oxidising properties</b>			
No data available			
<b>Explosive properties</b>			
No data available			
<b>Flammability (solid, gas)</b>			
No data available			
<b>Lower flammability or explosive limits</b>			
No data available			
<b>Upper flammability or explosive limits</b>			
No data available			
<b>Vapour pressure</b>			
No data available			
<b>Vapour density</b>			
No data available			
<b>Evaporation rate</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value		0.92	g/cm <sup>3</sup>
<b>Solubility in water</b>			
Remarks		insoluble	
<b>Solubility(ies)</b>			
No data available			
<b>Partition coefficient: n-octanol/water</b>			
No	Substance name	CAS no.	EC no.
1	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
log Pow			4.362
<b>Viscosity</b>			
No data available			
<b>9.2 Other information</b>			
<b>Other information</b>			
No data available.			

**Trade name:** Moly LG Grease No. 1,2

**Product no.:** 017-27014-05

**Current version :** 3.0.0, issued: 17.07.2018

**Replaced version:** 2.0.0, issued: 21.01.2015

**Region:** GB

## SECTION 10: Stability and reactivity

- 10.1 Reactivity**  
No data available.
- 10.2 Chemical stability**  
Stable if stored and handled properly.
- 10.3 Possibility of hazardous reactions**  
No data available.
- 10.4 Conditions to avoid**  
Heat, naked flames or other ignition sources, electrostatic charge and discharge, formation of vapours/aerosols.
- 10.5 Incompatible materials**  
strong oxidizing agents; Acids; Alkalis
- 10.6 Hazardous decomposition products**  
Carbon monoxide and carbon dioxide; Nitrous oxides (NOx)

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

<b>Acute oral toxicity</b>	No data available
<b>Acute dermal toxicity</b>	No data available
<b>Acute inhalational toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/irritation</b>	No data available
<b>Respiratory or skin sensitisation</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Reproduction toxicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>STOT - single exposure</b>	No data available
<b>STOT - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>	Irritates the eyes and the skin. Irritates respiratory tract. Harmful by inhalation, in contact with skin and if swallowed.
<b>Other information</b>	Exercise customary precautions when handling chemicals.

**Trade name:** Moly LG Grease No. 1,2

**Product no.:** 017-27014-05

**Current version :** 3.0.0, issued: 17.07.2018

**Replaced version:** 2.0.0, issued: 21.01.2015

**Region:** GB

**SECTION 12: Ecological information**

**12.1 Toxicity**

<b>Toxicity to fish (acute)</b>
No data available
<b>Toxicity to fish (chronic)</b>
No data available
<b>Toxicity to Daphnia (acute)</b>
No data available
<b>Toxicity to Daphnia (chronic)</b>
No data available
<b>Toxicity to algae (acute)</b>
No data available
<b>Toxicity to algae (chronic)</b>
No data available
<b>Bacteria toxicity</b>
No data available

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

<b>Partition coefficient: n-octanol/water</b>		
<b>1</b>	<b>2,6-di-tert-butyl-p-cresol</b>	<b>128-37-0</b> <b>204-881-4</b>
log Pow		4.362

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information**

<b>Other information</b>
Ecological data are not available. Do not allow to enter soil, waterways or waste water canal.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Moly LG Grease No. 1,2

Product no.: 017-27014-05

Current version : 3.0.0, issued: 17.07.2018

Replaced version: 2.0.0, issued: 21.01.2015

Region: GB

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations.

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XVII of the REACH regulation (EC) 1907/2006.

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

**15.2 Chemical safety assessment**

No data available.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Department issuing safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

**Alterations/supplements:**

Alterations to the previous edition are marked in the left-hand margin.

---

**Trade name:** Moly LG Grease No. 1,2

**Product no.:** 017-27014-05

**Current version :** 3.0.0, issued: 17.07.2018

**Replaced version:** 2.0.0, issued: 21.01.2015

**Region:** GB

---

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.  
Prod-ID 641953