

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 11.09.2017

Version number 1

Revision: 11.09.2017

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** GREASE LI COMPLEX NLGI-2**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture:** Lubricant**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

LPC S.A.

Megaridos Avenue 124

Aspropyrgos - Attica , 193 00

Tel.: 210 - 809 3900

Fax: 210 - 809 3999

e-mail: technical@cyclon.gr

**1.4 Emergency telephone number:**

European Emergency Tel.: 112

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

**2.2 Label elements****Labelling according to Regulation EC No 1272/2008 CLP:** Void**Hazard pictograms:** Void**Signal word:** Void**Hazard statements:** Void**Precautionary statements**

P102: Keep out of reach of children

P501: Dispose of contents/container in accordance with local /regional/ national/ international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

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**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:**

Mixture consisting of substances that either not classified or not required to be stated in the Safety Data Sheet according to Reg. (EU) 830/2015.

**Ingredients according Regulation (EU) 830/2015:**

CAS: 68425-15-0	polysulfides, di-tert-dodecyl	Aquatic Chronic 4, H413	≥0.1-≤2.5%
EINECS: 270-335-7			

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

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

No special measures required.

Take affected persons out into the fresh air.

**After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Seek medical treatment in case of complaints.

**After skin contact:**

Wash the skin immediately with soap and water.

Remove contaminated clothing.

In case of skin irritation, consult a physician.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Avoid strong water jet-risk of cornea damage, consult a doctor.

**After swallowing:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed** Not known or expected results.

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

No special measures are required.

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

CO<sub>2</sub>, powder or water spray. Fight larger fire with foam.

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.

Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

**5.3 Advice for firefighters**

**Protective equipment:** No special measures required.

**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

Wear protective equipment. Keep unprotected persons away.

**6.1.1 For non-emergency personnel** Keep away from ignition sources.**6.1.2 For emergency responders**

Use chemicals resistant gloves.

Use antistatic and slip resistant boots.

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:** Prevent from spreading (e.g. by damming-in or oil barriers).**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

**6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling** Avoid contact with skin, eyes and clothing.**Information about fire - and explosion protection:**

Keep away from sources of ignition and flammable materials.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:** Store in cool, dry conditions in well sealed receptacles.**Requirements to be met by storerooms and receptacles:** Store in a cool location.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** None.**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**8.2 Exposure controls****Personal protective equipment****General protective and hygienic measures:**

Do not eat or drink while working.

Avoid close or long term contact with the skin.

**Respiratory protection:** Not required under normal conditions of use.**Protection of hands:**

Protective gloves

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**Penetration time of glove material**

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye protection:**

Safety glasses

**Body protection:**

Protective work clothing



Boots

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

<b>Form:</b>	Paste
<b>Colour:</b>	brown
<b>Odour:</b>	Oil
<b>Odour threshold:</b>	Not determined

**pH value:** Not determined

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** Not determined

**Flash point:** Not Flammable

**Flammability (solid, gas):** Not applicable

**Auto-ignition temperature:** 240°C

**Decomposition temperature:** Not determined

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined

**Oxidising properties** Not considered as oxidising.

**Vapour pressure at 50°C:** 300kPa

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<b>Density at 15°C:</b>	900kg/m <sup>3</sup>
<b>Relative density at 15°C</b>	0,866
<b>Vapour density</b>	Not determined
<b>Evaporation rate</b>	Not determined

**Solubility in / Miscibility with water:** Not miscible

**Partition coefficient: n-octanol/water:** Not determined

**Viscosity:**

**Dynamic:** Not determined

**Kinematic:** Not determined

**9.2 Other information** No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** Stable under normal conditions

**10.2 Chemical stability** Material is stable under normal conditions.

**Thermal decomposition / conditions to be avoided**

No decomposition if used and stored according to specifications.

Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials** No further relevant information available.

**10.6 Hazardous decomposition products** No dangerous decomposition products known.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

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**Additional ecological information:****General notes:**

Generally not hazardous for water

Not known to be hazardous to water.

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

In case of discarding waste oil, according European Directive 75/439/EEC, recycling of the product is recommended. Disposal of large amounts must be carried out from qualified, authorized body.



Dispose according to National Regulations.

**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

**SECTION 14: Transport information****14.1 UN-Number** Void**ADR, ADN, IMDG, IATA** Void**14.2 UN proper shipping name** Void**ADR, ADN, IMDG, IATA** Void**14.3 Transport hazard class(es)** Void**ADR, ADN, IMDG, IATA****Class** Void**14.4 Packing group** Void**ADR, IMDG, IATA** Void**14.5 Environmental hazards:** Not applicable.**14.6 Special precautions for user** Not applicable.**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.**UN "Model Regulation":** Void

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## SECTION 15: Regulatory information

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2015/830

CLP Regulation 1272/2008/EC

Constituents of the mixture that fall within the scope of REACH Regulation 1907/2006/EC, have been (pre)-registered.

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

#### Directive 2012/18/EU

**Named dangerous substances - ANNEX I** Substance is not listed.

**National regulations:** No further information available.

#### Other regulations, limitations and prohibitive regulations

#### Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases

H413 May cause long lasting harmful effects to aquatic life.

#### Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

#### Department issuing SDS:



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 REACH & Chemical Services Department  
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 Tel.: +30 210 8252510 Fax: +30 210 8252575  
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 Website: [www.sustchem.gr](http://www.sustchem.gr)

#### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4