

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

Printing date 15.04.2016

Version number 1

Revision: 15.04.2016

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

**1.1 Product identifier**

**Trade name:** GRANIT SYN SHPD 15W-40

**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](mailto:technical@cyclon.gr)

**1.4 Emergency telephone number:**



Emergency telephone number: 112

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation EC No 1272/2008 CLP:**



GHS07

Eye Irrit. 2          H319 Causes serious eye irritation.

Aquatic Chronic 3   H412 Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**



GHS07

**Signal word:** Warning

**Hazard statements:**

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P273 Avoid release to the environment.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH208 Contains Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:** Mixture: consisting of the following components.**Ingredients according Regulation (EU) 830/2015:**

CAS: 84605-29-8 EINECS: 283-392-8 Reg.nr.: 01-2119493626-26-XXXX	Phosphorodithioic acid, mixed esters , zinc salt ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315	0.1-≤2.5%
CAS: 70024-69-0 EINECS: 274-263-7 Reg.nr.: 01-2119492616-28-XXXX	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts ⚠ Skin Sens. 1B, H317	0.1-<1%
CAS: 121158-58-5 EC number: 310-154-3 Reg.nr.: 01-2119513207-49-XXXX	Phenol, dodecyl-, branched ⚠ Repr. 2, H361f; ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=10); ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	0.1-≤2.5%

**Ingredients**

CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8 Reg.nr.: 01-2119484627-25-XXXX	Distillates (petroleum), hydrotreated heavy paraffinic	60-90%
	Lubricating oils (petroleum), C20-C50, hydrotreated neutral oilbased ⚠ Asp. Tox. 1, H304	2.5-<10%
CAS: 36878-20-3 EINECS: 253-249-4 Reg.nr.: 01-2119488911-28-XXXX	bis(nonylphenyl)amine Aquatic Chronic 4, H413	0.1-≤2.5%

**Additional information:**

The classification as a carcinogen does not need to apply because the substance Distillates (petroleum), hydrotreated heavy paraffinic (cas number 64742-54-7) contains less than 3 % DMSO extract.

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#### SECTION 4: First aid measures

##### 4.1 Description of first aid measures

**General information:** Take affected persons out into the fresh air.

**After inhalation:** Seek medical treatment in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for at least 15 minutes under running water.

Seek immediate medical advice.

**After swallowing:**

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

Seek immediate medical advice.

**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.

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

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

##### 5.3 Advice for firefighters

**Protective equipment:**

Mouth respiratory protective device.

Wear fully protective suit.

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

#### SECTION 6: Accidental release measures

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

Avoid contact with oxidising agents.

Wear protective equipment. Keep unprotected persons away.

##### 6.1.1 For non-emergency personnel

Keep away from ignition sources.

Caution for slippery surfaces.

Avoid contact with skin and eyes.

##### 6.1.2 For emergency responders

Use chemicals resistant gloves.

Use antistatic and slip resistant boots.

##### 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Prevent from spreading (e.g. by damming-in or oil barriers).

Do not allow to penetrate the ground/soil.

##### 6.3 Methods and material for containment and cleaning up:

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

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**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.

Prevent any seepage into the ground.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Protect from heat and direct sunlight.

**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****8.2.1. Appropriate engineering controls**

During the use of this product no appropriate engineering controls are needed.

**Personal protective equipment****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

**Respiratory protection:** Not required.

**Protection of hands:**

Protective gloves

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**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.

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**Eye protection:**

Safety glasses

**Body protection:**

Protective work clothing

## SECTION 9: Physical and chemical properties

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

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

<b>pH value:</b>	Not determined
<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined

<b>Flash point:</b>	226 °C
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<b>Flammability (solid, gaseous):</b>	Not applicable
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<b>Auto-ignition temperature:</b>	Not determined
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<b>Decomposition temperature:</b>	Not determined
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<b>Self-igniting:</b>	Product is not selfigniting.
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<b>Danger of explosion:</b>	Product does not present an explosion hazard.
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**Explosion limits:**

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

<b>Vapour pressure:</b>	Not determined
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<b>Density:</b>	0,878 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined
<b>Vapour density</b>	Not determined
<b>Evaporation rate</b>	Not determined

**Solubility in / Miscibility with**

<b>water:</b>	Not miscible
<b>aliphatic hydrocarbons:</b>	Fully miscible.
<b>aromatic hydrocarbons:</b>	Fully miscible.

<b>Partition coefficient (n-octanol/water):</b>	Not determined
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**Viscosity:**

<b>Dynamic:</b>	Not determined
<b>Kinematic at 40 °C:</b>	105,6 cSt

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<b>Kinematic viscosity at 100 °C</b>	14,5 cSt
<b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability**  
**Thermal decomposition / conditions to be avoided** Stable at environment temperature.
- 10.3 Possibility of hazardous reactions** No dangerous reactions known.
- 10.4 Conditions to avoid** Oxidising agents
- 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**  
 Causes serious eye irritation.  
**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.
- Ecotoxicological effects:**  
**Remark:** Harmful to fish  
**Additional ecological information:**  
**General notes:**  
 The product contains materials that are harmful to the environment.  
 Harmful to aquatic organisms
- 12.5 Results of PBT and vPvB assessment**  
**PBT:** Not applicable.  
**vPvB:** Not applicable.
- 12.6 Other adverse effects**

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Uncontrolled release of the product to the environment must be prohibited.  
 The product floats on water and does not mix with it.  
 Spillage of the product may form a layer on the water surface which can damage aquatic organism due to lack of oxygenation.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### Uncleaned packaging:

##### Recommendation:

Disposal must be made according to official regulations.  
 Packaging may be reused or recycled after cleaning.

### SECTION 14: Transport information

<b>14.1 UN-Number</b>	Void
<b>14.2 UN proper shipping name</b>	Void
<b>14.3 Transport hazard class(es)</b>	Void
<b>14.4 Packing group</b>	Void
<b>14.5 Environmental hazards:</b>	
<b>Marine pollutant:</b>	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.

### 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

##### Directive 2012/18/EU

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

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

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**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**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H361f Suspected of damaging fertility.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms:**

- 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)
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
- Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
- Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B
- Repr. 2: Reproductive toxicity, Hazard Category 2
- Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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