

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

Printing date 13.04.2016

Version number 2

Revision: 15.03.2016

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

1.1 Product identifier

Trade name: MAGMA SYN RNL 5W30

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:



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:

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

Additional information:

EUH208 Contains C14-16-18 Alkyl phenol. 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

(Contd. on page 2)

GB

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(Contd. of page 1)

Ingredients according Regulation (EU) 830/2015:

CAS: 72623-87-1 EINECS: 276-738-4 Index number: 649-483-00-5	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified ⚠ Asp. Tox. 1, H304	25-50%
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%
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-<1%
Reg.nr.: 01-2119498288-19-XXXX	C14-16-18 Alkyl phenol ⚠ Skin Sens. 1B, H317; Aquatic Chronic 4, H413	0.1-<1%

Additional information:

The classification as a carcinogen does not need to apply because the substance Lubricating oils (petroleum), C20-50 hydrotreated neutral oil-based (cas number: 72623-87-1) contains less than 3 % DMSO extract.
 For the wording of the listed risk phrases refer to section 16.

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:

Wash the skin immediately with soap and water.

If skin irritation continues, consult a doctor.

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: CO₂, powder or water spray. Fight larger fires with water spray.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3 Advice for firefighters

Protective equipment: Use of protective clothes and respiratory device is being recommended in case of fire.

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

—GB—

(Contd. on page 3)

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Version number 2

Revision: 15.03.2016

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(Contd. of page 2)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

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 safety goggles, in case of contact with the eyes.

Use antistatic and slip resistant boots.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

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

Control leakage with a non combustible absorbent material, such us earth or sand.

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.

Use adequate personal protective equipment as required. For more information regarding protective equipment see section 8.

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:

Protect from heat and direct sunlight.

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

8.2.1. Appropriate engineering controls Use of local ventilation is advised.

(Contd. on page 4)

GB

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Trade name: MAGMA SYN RNL 5W30

(Contd. of page 3)

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

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.**Protection of hands:**

Protective gloves

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.

Eye protection: Not required under normal conditions of use.**Body protection:** Not required under normal conditions of use.**Environmental exposure controls:** No further recommendations. See section 6.

SECTION 9: Physical and chemical properties

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

Form:	Liquid
Colour:	brown
Odour:	Oil
Odour threshold:	Not determined

pH value:	Not determined
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

Flash point: 220 °C**Flammability (solid, gaseous):** Not applicable**Auto-ignition temperature:** Not determined**Decomposition temperature:** Not determined**Self-igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Explosion limits:**

Lower:	Not determined
Upper:	Not determined

Oxidising properties Not considered as oxidising.**Vapour pressure:** Not determined

Density at 20 °C:	0.854 g/cm ³
Relative density	Not determined
Vapour density	Not determined

(Contd. on page 5)

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Revision: 15.03.2016

Trade name: MAGMA SYN RNL 5W30

(Contd. of page 4)

Evaporation rate	Not determined
Solubility in / Miscibility with water:	Not miscible
aliphatic hydrocarbons:	Fully miscible.
aromatic hydrocarbons:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	
Dynamic:	Not determined
Kinematic at 40 °C:	70,8 cSt
Kinematic viscosity at 100 °C	12 cSt
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 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 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.

Additional ecological information:

General notes: Not known to be hazardous to water.

(Contd. on page 6)

GB

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(Contd. of page 5)

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects**

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**

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.

Contact manufacturer for recycling information.

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

GB

(Contd. on page 7)

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(Contd. of page 6)

SECTION 15: Regulatory information

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

Note L applies. DMSO content is below 3%.

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 from their suppliers.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is 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

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

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.

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)

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

Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 4: Hazardous to the aquatic environment - Chronic Hazard, Category 4

*** Data compared to the previous version altered.**