



Safety Data Sheet

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

Printing date 25.07.2015

Version number 1

Revision: : 25.07.2015

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

1.1 Product identifier

Trade name: **CYCLON ERGON SAE 50**

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: +30 210 7793777

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.

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.

· 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.

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.

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 of substances listed below with nonhazardous additions.

Επικίνδυνες ουσίες περιεχομένου:		
CAS: 64742-54-7 EINECS: 265-157-1 Αριθμός ευρετηρίου: 649-467-00-8 Reg.nr.: 01-2119484627-25-XXXX	αποστάγματα (πετρελαίου), βαρέα παραφινικά κατεργασμένα με υδρογόνο Distillates (petroleum), hydrotreated heavy paraffinic	50-100%
CAS: 68649-42-3 EINECS: 272-028-3 Reg.nr.: 01-2119657973-23-XXXX	Zinc alkyl dithiophosphate Eye Dam. 1, H318; Aquatic Chronic 2, H411	1-≤2.5%
CAS: 90480-91-4 EINECS: 291-829-9 Reg.nr.: 01-2119524004-56-XXXX	Θειωμένο διακλαδωμένο αλκυλοφαινικό ασβέστιο Alkylphenate sulfurised, calcium salt Aquatic Chronic 4, H413	0.1-≤2.5%
Polymer	Σουλφονικό αλκαρυλικό ασβέστιο μακράς αλύσου Aquatic Chronic 4, H413	0.1-≤2.5%
Polymer	Πολυολεφινική ηλεκτριμίδο-πολυαμίνη, βοριωμένη πολυόλη Aquatic Chronic 4, H413	0.1-≤2.5%
CAS: 74499-35-7	Διακλαδωμένη αλκυλοφαινόλη και διακλαδωμένο αλκυλοφαινολικό ασβέστιο Repr. 1B, H360; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Eye Irrit. 2, H319	0.1-≤0.25%

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:** Generally the product does not irritate the skin.

· After eye contact:

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

· 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

No further relevant information available.

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

No further relevant information available.

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



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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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

Keep away from ignition sources.

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

Wear protective equipment. Keep unprotected persons away.

- **6.2 Environmental precautions:** No special measures required.

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

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

- **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

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

- **Information about fire - and explosion protection:** No special measures required.

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

· **Storage:**

- **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:**

Store in cool, dry conditions in well sealed receptacles.

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**

· **Personal protective equipment:**

- **General protective and hygienic measures:**

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

- **Respiratory protection:** Not required.

Body protection: Not required

Eye protection: Not required

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Colour:

Brown



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Odour:	Oil
Odour threshold:	Not determined
pH value:	Not determined
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flash point: °C	>215
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:	Not determined
Lower:	Not determined
Upper:	
Vapour pressure:	Not determined
Density @ 15°C:	Not determined
Relative density	Not determined
Evaporation rate	Not determined
Vapour density	Not determined
Solubility in / Miscibility with water:	Not miscible
Partition coefficient (n-octanol/water):	Not determined
Viscosity :	
Dynamic	Not determined
Kinematic @ 100 °C:	18 cst
Kinematic @40 °C:	185 cSt
Pour point , °C	<-12
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

· 10.2 Chemical stability

· 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

Avoid heat, sparkles, naked flame or other sources of ignition.

· 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:

· Primary irritant effect:

· on the skin: No irritating effect.



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- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The mixture is not classified for Specific Target Organ Toxicity - Single Exposure

- **Repeated dose toxicity**

The mixture is not classified for Specific Target Toxicity - Repeated Exposure

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

The mixture is not classified as carcinogenic, mutagenic and toxic to reproduction.

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.
- **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**

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 ADR, ADN, IMDG, IATA	Void Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA η	Void Void
14.4 Packing group ADR, IMDG, IATA	Void Void
14.5 Environmental hazards:	NA
14.6 Special precautions for user	NA
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	NA
· UN "Model Regulation":	-----

SECTION 15: Regulatory information



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

· National regulations:

· 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.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H360 May damage fertility or the unborn child <state specific effect if known > <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

· Abbreviations and acronyms:

ADR: Accord europeen 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)