

Date of issue: 29.08.2014 Replaces Data Sheet of: 15.01.2014

"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

CLASSIC**SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 **Product identifier**

Trade Name: CLASSIC MEDUNA LT 530 LA PLUS
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.av.

1.2 **Relevant identified uses of the substance or mixture and uses advised against**

Use: lubricant

1.3 **Details of the supplier of the safety data sheet**1.3.1 **Address of the Company / Supplier:**

CLASSIC Schmierstoff GmbH & Co. KG, Lange Straße 100 - 106, D- 27318 Hoya
Telephone: +49 - 4251-81251, Telefax: +49 - 4251-812902, E-Mail: schmierstoffe@classic-oil.de

1.3.2 **Responsible for the data sheet:**

CoSiChem AG, Ernst-Lemmer-Straße 27, D - 35041 Marburg, info@cosichem.de

1.4 **Emergency telephone number**

Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of
Poisoning
Telephone: +49 - 4251-81251 (8:30 – 16:30) Telephone: +44 870 600 6266

SECTION 2: Hazards identification2.1 **Classification of the substance or mixture****Classification and labelling according to Directive 1272/2008/EC:**

* Aquatic Chronic 3 H412 / Eye Irrit. 2 H319/ EUH208

Classification and labelling according to Directive 1999/45/EC:

dangerous for the environment R52/53

2.2 **Label elements**

* Classification according to 1272/2008/EC: Yes.

Applicable Exemptions: No.

Signal word(s): Warning

Component(s):

Hazard pictogram(s):

H - Phrases:

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

P - Phrases:

P102: Keep out of reach of children.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P301: IF SWALLOWED: Do NOT induce vomiting.

P101: If medical advice is needed, have product container or label at hand.

Additional Markings:

EUH208: Contains Calciumsulfonate. May produce an allergic reaction.

The above mentioned labelling is valid for distribution to private consumer.

2.3 **Other hazards**

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Handle in accordance with good industrial hygiene and safety practice.

* This mixture contains no substances which are assessed to be PBT or vPvB.



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SECTION 3: Composition/information on ingredients**3.1 Substances****Dangerous Ingredients:****3.2 Mixtures****Chemical Characterisation:**

Mixture, Petroleum products

Dangerous Ingredients:

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R / H - phrases
122-39-4	612-026-00-5	204-539-4	Diphenylamine REACH_01-2119488966-13-xxxx	0,19 - 0,25%	T, N ; GHS06 GHS08	R 23/24/25-33-50/53 ; H331 H311 H301 H373
68649-42-3	n.av.	272-028-3	Phosphorodithioic acid, O,O-di- C1-14-alkyl esters, zinc salts	1 - 2,5%	GHS09 Xi, N ; GHS05 GHS09	H400 H410 R 31-38-41-51/53 ; H315 H318 H411 EUH031
121158-58-5	n.av.	310-154-3	Phenol, dodecyl-, branched REACH_01-2119513207-49-xxxx	0,1 - 0,25%	Xn, N ; GHS07 GHS08	R 38-50/53-62 ; H315 H400 H410 H361f
84605-29-8	n.av.	283-392-8	Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso- Pr) esters, zinc salts REACH 01-2119493626-26-xxxx	0,1 - 1%	GHS09 Xi, N ; GHS05 GHS09	R 38-41-51/53 ; H315 H318 H411
n.av.	n.av.	n.av.	Calcium sulfonate	0,1 - 1%	Xn ; GHS08	R 42/43 ; H317 H334
n.av.			oil mist			

Text of R-/H- phrases: see section 16

SECTION 4: First aid measures**4.1 Description of first aid measures****4.1.1 Inhalation:**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.
 If symptoms persist, call a physician.

4.1.2 Skin Contact:

Wash off with warm water and soap. If symptoms persist, call a physician.

4.1.3 Eye Contact:

* In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids,
 for at least 15 minutes. If symptoms persist, call a physician.

4.1.4 Ingestion:

Do not induce vomiting. Rinse mouth. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Risk of product entering the lungs on vomiting after ingestion.

SECTION 5: Firefighting measures**5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**Use dry chemical, CO₂, water spray or "alcohol" foam.**5.1.2 Extinguishing Media to Avoid:**

high volume water jet

5.2 Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon oxides, nitrogen oxides (NO_x), Sulphur oxides.**5.3 Advice for firefighters****5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information:

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
 See chapter 8.2.2
 Contaminated surfaces will be extremely slippery.
- 6.2 **Environmental precautions**
 Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**
 Prevent spreading over a wide area (e.g. by containment or oil barriers).
 Soak up with oil absorbent material. Shovel into suitable container for disposal.
- 6.4 **Reference to other sections**
 None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
 Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Do not breathe vapours or spray mist. Do not port contaminated cleaning rags in pockets.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
 Normal measures for preventive fire protection. Keep away from sources of ignition - No smoking.
 Preparation may charge electrostatically: always use earthing leads when transferring from one container to another.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
 Keep containers tightly closed in a dry, cool and well-ventilated place.
 Store in original container. Avoid subsoil penetration.
- 7.2.2 **Store away from:**
 Do not store together with .? oxidizing agents
- 7.2.3 **Further Information on Storage Conditions:**
 Protect against light. Do not allow contact with air.
- 7.3 **Specific end use(s)**
 n.av.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**
- | Material | Limit Value |
|---------------|------------------------------|
| Diphenylamine | 10 mg / m ³ / 5 E |
| oil mist | 5mg / m ³ |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**
 Provide appropriate exhaust ventilation at machinery.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** Breathing apparatus needed only when aerosol or mist is formed.
 Respirator with filter A2, A2P2, ABEK.
 Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust) .
- 8.2.2b **Hand Protection:** Use protective skin cream before handling the product. Protective gloves complying with EN 374 (nitrile rubber, Neoprene Viton(0,4 mm)). Break through time> 8 h The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.
 Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
- 8.2.2c **Eye Protection:** In case of contact through splashing: safety glasses
- 8.2.2d **Skin Protection:** long sleeved clothing
- 8.2.2e **Further Information:** Observe wearing time limits:
- 8.2.3 **Environmental exposure controls:**
 Do not allow material to contaminate ground water system.
 Do not flush into surface water or sanitary sewer system.

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

9.1.1	Form: liquid	Colour: light brown	Odour: mild
			Odour threshold: n.av.
9.1.2	pH-value, undiluted:	n.ap.,	pH-value, 1% aqueous solution: n.av.
9.1.3	Boiling point / Boiling - range (°C):	n.av.,	Melting point / Melting range (°C): Pourpoint -48 °C
9.1.4	Flash point (°C):	232,	closed cup
9.1.5	Flammability (EEC A10/A13):	n.av.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	None.	
9.1.8	Oxidising properties:	None.	
9.1.9	Explosion hazard:	None.	
9.1.10	Explosion limits (Vol.%) lower:	n.av.,	upper: n.av.
9.1.11	Vapour pressure: / Vapour density (Air = 1):	< 0,1 hPa /	n.av.
9.1.12	Density (g/ml):	0,855 (15°C)	
9.1.13	Solubility (in Water):	immiscible	
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	68 mm ² / s (40°C)	
9.1.16	Solvent content (m %):	Not relevant	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	Other information		
	n.av.		

SECTION 10: Stability and reactivity

10.1	Reactivity	None.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4	Conditions to avoid	Protect from frost, heat and sunlight. Keep away from fire, sparks and heated surfaces.
10.5	Incompatible materials	Incompatible with oxidizing agents.
10.6	Hazardous decomposition products	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****11.1.1 Substances****11.1.2 Mixtures**

	Acute Toxicity:	
	Inhalation:	n.av.
	Ingestion:	LD50/oral/rat = > 5000 mg / kg
	Skin Contact:	LD50/dermal/rabbit = > 3000 mg / kg
*	Irritation / corrosion (to skin / eye):	Causes serious eye irritation.
*	Sensitisation:	May produce an allergic reaction.
	Carcinogenicity:	n.av.
	Mutagenicity:	n.av.
	Teratogenicity:	n.av.
	Narcotic Effects:	None.

11.1.3 – Practical Experience

11.1.12 n.av.

11.1.13 Practical Experience

Observations relevant for classification:

None.

Further Observations:

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Classification of the preparation has been done by calculation in accordance with EEC directives.

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SECTION 12: Ecological information

- 12.1 **Toxicity**
We have no quantitative data concerning the ecological effects of this product. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 12.2 **Persistence and degradability**
No data is available on the product itself. The product is slightly soluble in water. It can be eliminated from water by abiotic processes.
- 12.3 **Bioaccumulative potential**
n.av.
- 12.4 **Mobility in soil**
n.av.
- 12.5 **Results of PBT and vPvB assessment**
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 **Other adverse effects**
 - 12.6.1 COD-Value, mg/g: n.av.
 - 12.6.2 BOD5-Value, mg/g: n.av.
 - 12.6.3 AOX-Remarks: Not applicable.
 - 12.6.4 Significant Components: Hydrocarbons
 - 12.6.5 Other adverse effects: Not applicable.

SECTION 13: Disposal considerations

- 13.1 **Waste treatment methods**
 - 13.1.1 Recommendation: Waste - Code - No.:
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.
- 13.2 **Contaminated Packaging**
 - 13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
 - 13.2.2 Safe Handling: As described under Residues.

SECTION 14: Transport information

	ADR	IMDG	IATA
	Not a dangerous substance as defined in the above regulations.	Not a dangerous substance as defined in the above regulations.	Not a dangerous substance as defined in the above regulations.
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

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SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
n.av.
- 15.2 **Chemical safety assessment :**
A chemical safety assessment has not been carried out.

SECTION 16: Other information**Text of R / H phrases mentioned in Section 3**

R 23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
R 31: Contact with acids liberates toxic gas.
R 33: Danger of cumulative effects.
R 38: Irritating to skin.
R 41: Risk of serious damage to eyes.
R 42/43: May cause sensitization by inhalation and by skin contact.
R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 62: Possible risk of impaired fertility.

EUH031: Contact with acids liberates toxic gas.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H331: Toxic if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H361f: Suspected of damaging fertility.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.

This datasheet has been compiled in accordance with EU regulation 453/201.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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