

Date of issue: 15.07.2015 Replaces Data Sheet of: ---

"*" 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 LV 020 IV
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.ap.

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 23, 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 identification**2.1 Classification of the substance or mixture****Classification and labelling according to Directive 1272/2008/EC:**

Eye Irrit. 2; H319 / Asp. Tox. 1; H304

2.2 Label elements

Classification according to 1272/2008/EC: Yes.

Applicable Exemptions: No.

Signal word(s): Danger

Component(s): contains: Dec-1-ene oligomers, hydrogenated

Hazard pictogram(s):

**H - Phrases:**

H319: Causes serious eye irritation.

H304: May be fatal if swallowed and enters airways.

P - Phrases:

P405: Store locked up.

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

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+ P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do NOT induce vomiting.

P501: Dispose of contents/container to hazardous or special waste collection point.

Additional Markings:

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.

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**

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3.2 Mixtures**Chemical Characterisation:**

Mixture mineral oil based

Dangerous Ingredients:

Material			H - phrases	m% - range
CAS - No.	EC - No.	REACH - No.		
Dec-1-ene oligomers, hydrogenated			Asp. Tox. 1 H304	70 - 90%
68037-01-4	500-183-1	01-2119486452-34-xxxx		
Reaction mass of isomers of C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate			Aquatic Chronic 4 H413	1 - 2%
125643-61-0	406-040-9	01-0000015551-76-xxxx		
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)			Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411	1 - 2%
93819-94-4	298-577-9	01-2119543726-33-xxxx		
Bis(nonylphenyl)amine			Aquatic Chronic 3 H413	3 - 4%
36878-20-3	253-249-4	01-2119488911-28-xxxx		

Text of 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 fumes from overheating or combustion.
 If symptoms persist, call a physician.

4.1.2 Skin Contact:

Wash off immediately with soap and plenty of water. 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 eye irritation persists, consult a specialist.

4.1.4 Ingestion:

Call a physician immediately. Show this safety data sheet to the doctor in attendance.
 Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung oedema or pneumonia. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Risk of product entering the lungs on vomiting after ingestion.
 Later control for pneumonia and lung oedema.

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

High volume water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:

Carbon oxides nitrogen oxides (NO_x) sulphur oxides oxides of phosphorus**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:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. at high temperatures Risk of receptacle bursting.

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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 contaminate water. 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. Keep in suitable, closed containers 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. Avoid formation of aerosol.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
 Keep away from sources of ignition - No smoking.
 Take measures to prevent the build up of electrostatic charge.
- 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.
- 7.2.2 **Store away from:**
 Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**
 Keep away from direct sunlight.
- 7.3 **Specific end use(s)**
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SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**
- | Material | Limit Value |
|--|---------------------|
| Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) | 2 mg/m ³ |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**
 Provide appropriate exhaust ventilation at machinery. Avoid formation of aerosol.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** Not required under normal use.
 Breathing apparatus needed only when aerosol or mist is formed.
 Recommended Filter type: A2, A2/P2, ABEK
- 8.2.2b **Hand Protection:** Use protective skin cream before handling the product. P
 rotective gloves complying with EN 374
 nitrile rubber neoprene (0,4 mm) break through time > 4 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:** 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:**
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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

9.1.1	Form: viscous liquid	Colour: light yellow	Odour: characteristic
			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):	250, Melting point / Melting range (°C):	n.av.
9.1.4	Flash point (°C):	200, 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:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	0,85	
9.1.13	Solubility (in Water):	immiscible	
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	8,9 mm ² / s (100°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	Direct sources of heat.
10.5	Incompatible materials	Incompatible with oxidizing agents. Incompatible with strong acids and bases.
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**

Acute Health Effects:	
Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Skin corrosion / irritation:	Slight
Serious eye damage / irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	None.
Germ cell mutagenicity:	n.av.
Carcinogenicity:	n.av.
Reproductive toxicity:	n.av.
STOT-single exposure:	n. av.
STOT-repeated exposure:	n. av.
Aspiration hazard:	n. av.

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11.1.1 – Practical Experience

11.1.11 n.av.

11.1.12 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.

SECTION 12: Ecological information**12.1 Toxicity**

We have no quantitative data concerning the ecological effects of this product.

12.2 Persistence and degradability

No data is available on the product itself.

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: None.

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.

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SECTION 14: Transport information

	ADR Not a dangerous substance as defined in the above regulations.	IMDG Not a dangerous substance as defined in the above regulations.	IATA 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		

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 H phases mentioned in Section 3**

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

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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Receipt of Data: 22.06.2015, \$clg_0273

