

Date of issue: 29.08.2014 Replaces Data Sheet of: 01.08.2013

"*" 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 ZM
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 assistants
- 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 identification

- 2.1 **Classification of the substance or mixture**
Classification and labelling according to Directive 1272/2008/EC:
* Aquatic Chronic H412 / EUH208
Classification and labelling according to Directive 1999/45/EC:
dangerous for the environment R 52/53
- 2.2 **Label elements**
* Classification according to 1272/2008/EC: Yes.
Applicable Exemptions: No.
Signal word(s): n.ap. Hazard pictogram(s):
Component(s):
- H - Phrases:**
H412: Harmful to aquatic life with long lasting effects.
- P - Phrases:**
P102: Keep out of reach of children.
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P315: Get immediate medical advice/attention.
P501: Dispose of contents/container to hazardous or special waste collection.
P273: Avoid release to the environment.
- Additional Markings:
EUH208: Contains Alkyl-Phenoxid, Calcium, Polymer.
May produce an allergic reaction.
- The above mentioned labelling is valid for distribution to private consumer.
- 2.3 **Other hazards**
Inhalation of vapours in high concentration may cause irritation of respiratory system.
Solvents may degrease 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****Dangerous Ingredients:****3.2 Mixtures****Chemical Characterisation:**

Petroleum products

Dangerous Ingredients:

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R / H - phrases
64742-47-8	649-422-00-2	265-149-8	Distillates (petroleum), hydrotreated light, Kerosin REACH_01-2119484819-18-xxxx	1 – 10%	Xn ; GHS08	R 65-66 ; H304 EUH066
64742-46-7	649-221-00-X	265-148-2	Distillates (petroleum), hydrotreated middle; Gasoil REACH_01-2119489867-12-xxxx	1 – 5%	Xn, N ; GHS07 GHS08 GHS09	R 20-38-51/53-65 ; H332 H315 H411 H304
n.av.	n.av.	n.av.	Alkyl-Phenoxid, Calcium, Polymer	0,1 – 1%	Xi ; GHS07	R 43 ; H317

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. In the case of skin irritation or allergic reactions see 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

Risk of product entering the lungs on vomiting after ingestion.

Aspiration may cause pulmonary oedema and pneumonitis.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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, Sulphur oxides, nitrogen oxides (NO_x), 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:

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 port contaminated cleaning rags in pockets.
 Contaminated equipment (brushes, rags) must be cleaned immediately with water.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
 Normal measures for preventive fire protection. Do not smoke.
- 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. Keep away from heat. Keep away from direct sunlight.
- 7.2.2 **Store away from:**
 Do not store together with strong acids and oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**
 Avoid subsoil penetration.
- 7.3 **Specific end use(s)**
 n.av.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**
- | Material | Limit Value |
|---|----------------------------------|
| Destillate (Erdöl), mit Wasserstoff behandelte leichte; Kerosin | 150 ppm / 1200 mg/m ³ |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**
 Ensure adequate ventilation. Do not breathe vapours or spray mist.
- 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
- 8.2.2b **Hand Protection:** Use protective skin cream before handling the product. Protective gloves (Nitrile rubber, Neoprene). As the product is a preparation of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. The break through time depends amongst other things from the material, the thickness and the type of glove and therefore has to be measured for each case.
 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:** n.av.
- 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: viscous liquid	Colour: tan	Odour: characteristic
			Odour threshold: n.av.
9.1.2	pH-value, undiluted:	n.ap.,	pH-value, 1% aqueous solution: n.ap.
9.1.3	Boiling point / Boiling - range (°C):	n.av.,	Melting point / Melting range (°C): n.v@
9.1.4	Flash point (°C):	> 100,	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):	n.av. /	n.av.
9.1.12	Density (g/ml):	0,88	(15°C)
9.1.13	Solubility (in Water):	practically insoluble	Soluble in: organic solvent
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	40 – 100	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. temperatures above 100°C.
10.5	Incompatible materials	strong oxidizing agents.
10.6	Hazardous decomposition products	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat. temperatures above 100°C.

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

Acute Toxicity:	
Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Irritation / corrosion (to skin / eye):	slight
Sensitisation:	May cause an allergic skin 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**
 Not readily biodegradable. Inherently biodegradable. 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.: 13 02 05
 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 20: Harmful by inhalation.

R 38: Irritating to skin.

R 43: May cause sensitization by skin contact.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65: Harmful: may cause lung damage if swallowed.

R 66: Repeated exposure may cause skin dryness or cracking.

EUH066: Repeated exposure may cause skin dryness or cracking.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

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.

Prepared by:

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