



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 09.03.2021

Version number 1.7

Revision: 09.03.2021

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

- **Product identifier**
- **Trade name: Oilfino Econ 9400 10W-40**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Engine oil
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
oilfino Mineralöl GmbH  
Werkstr. 12  
D- 25497 Prisdorf  
info@oilfino.com  
Tel.: +49 (0) 4101 / 79900  
www.oilfino.com
- **Further information obtainable from:** Sales
- **Emergency telephone number:**  
Gift-Informationszentrum Nord (Göttingen)  
Telefon +49 (0)551-19240

**SECTION 2: Hazards identification**

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Eye Irrit. 2 H319 Causes serious eye irritation.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**  
H319 Causes serious eye irritation.

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**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P264 Wash thoroughly after handling.
- P280 Wear 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.

**Additional information:**

EUH 208: Contains Benzolsulfonsäure, Mono-C16-24-Alkylderivate, Calciumsalze. May produce an allergic reaction.

**Other hazards****Results of PBT and vPvB assessment**

- PBT:** Not applicable.
- vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**Chemical characterisation: Mixtures**

- Description:** Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

CAS: 85940-28-9 EINECS: 288-917-4	Phosphordithiosäure, gemischte O, O-bis (2-ethylhexyl- und iso-Bu- und iso-Pr) -ester, Zinksalze Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315	≥1-<2.5%
CAS: 70024-69-0 EINECS: 274-263-7	Benzolsulfonsäure, Mono-C16-24-Alkylderivate, Calciumsalze Skin Sens. 1B, H317	≥0.1-<1%

- Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**Description of first aid measures**

- 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:** If symptoms persist consult doctor.

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- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
Sand  
Foam  
Water haze  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class (TRGS):** 10
- **Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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.

· **DNELs**

**85940-28-9 Phosphordithiosäure, gemischte O, O-bis (2-ethylhexyl- und iso-Bu- und iso-Pr)-ester, Zinksalze**

Oral	DNEL Long-term - oral, systemic effects	0.19 mg/kg_bw/day (general public)
Dermal	DNEL Long-term – dermal, systemic effects	9.6 mg/kg_bw/day (Worker) 4.8 mg/kg_bw/day (general public)
Inhalative	DNEL Long-term – inhalation, systemic effects	6.6 mg/m <sup>3</sup> /day (Worker) 1.67 mg/m <sup>3</sup> /day (general public)

· **PNECs**

**85940-28-9 Phosphordithiosäure, gemischte O, O-bis (2-ethylhexyl- und iso-Bu- und iso-Pr)-ester, Zinksalze**

PNEC short term, fresh water	0.002 mg/l (Aquatic organisms)
PNEC short term, sea water	0 mg/l (Aquatic organisms)
PNEC short term, sewage plant	100 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	19.3 mg/kg (Aquatic organisms)
PNEC short term soil	15.7 mg/kg (terrestrial organisms)
PNEC short term sea water sediment	1.93 mg/kg (Aquatic organisms)
PNEC short term, intermittent releases	0.02 mg/l (Aquatic organisms)

- **Additional information:** The lists valid during the making were used as basis.

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- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **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 preparation 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 exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

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### SECTION 9: Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Fluid
Colour:	Light brown
· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
· Flash point:	>210 °C
· Flammability (solid, gas):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density at 20 °C:	0.855 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 40 °C:	>21.5 mm <sup>2</sup> /s

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· <b>Solvent content:</b> <b>VOC (EC)</b>	0.00 %
· <b>Solids content:</b>	0.0 %
· <b>Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

#### 85940-28-9 Phosphordithiosäure, gemischte O, O-bis (2-ethylhexyl- und iso-Bu- und iso-Pr)-ester, Zinksalze

Oral	LD50	3,080 mg/kg (rat)
Dermal	LD50	>20,000 mg/kg (rabbit)
Inhalative	LD50	>2.3 mg/kg (rat)

#### 70024-69-0 Benzolsulfonsäure, Mono-C16-24-Alkylderivate, Calciumsalze

Oral	LD50	20,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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- **Additional toxicological information:**
- **CMR effects (carcinogenity, 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**

· **Toxicity**

· **Aquatic toxicity:**

**85940-28-9 Phosphordithiosäure, gemischte O, O-bis (2-ethylhexyl- und iso-Bu- und iso-Pr)-ester, Zinksalze**

LC50 (96h) mg/ltr.	4.5 mg/ltr (Fish)
EC50 (48h)	5.4 mg/l (Daphnia magna) 5.4 mg/l (daphnia)
EC50 (72h)	72 mg/l (algae)
ErC (72h)	2.1 mg/l (Selenastrum capricornutum)
NOEC	0.4 mg/ml /21d (Daphnia magna)

**70024-69-0 Benzolsulfonsäure, Mono-C16-24-Alkylderivate, Calciumsalze**

EC50 (48h)	>1,000 mg/l (Daphnia magna)
NOEC	1,000 mg/ml /72d (algae)

· **Persistence and degradability**

85940-28-9	Phosphordithiosäure, gemischte O, O-bis (2-ethylhexyl- und iso-Bu- und iso-Pr) - ester, Zinksalze	1,5 (28d) %
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· **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

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- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |   |                 |
|---|-----------------|
| · <b>UN-Number</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | not regulated   |
| · <b>UN proper shipping name</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | not regulated   |
| · <b>Transport hazard class(es)</b>   |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>  | not regulated   |
| · <b>Packing group</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | not regulated   |
| · <b>Environmental hazards:</b>   | Not applicable. |
| · <b>Special precautions for user</b>                                       | Not applicable. |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>   | not regulated   |

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### SECTION 15: Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations:**
- **VOC (EU)** 0.0 g/l
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

- **Disclaimer**

This safety data sheet contains only safety relevant information. The information is based on the state of our knowledge at the time of revision, however, it does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship. This document is only valid in its unchanged form. In the event of changes by third parties, the exhibitor accepts no responsibility for form and content or for any damages or claims arising from such changes. The information is not transferable to other products. If the product named in this safety data sheet is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that he acts in accordance with all regulations in connection with his activity.
- **Relevant phrases**

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.
- **Department issuing SDS:** Environmental Protection Department
- **Contact:** MSDS authorized Person
- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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

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CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1B: Skin sensitisation – Category 1B  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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