



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

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

- **Product identifier**
- **Trade name: Oilfino Via Plus 10W40**
- **UFI:** XU21-K0S0-N00P-FMJ8
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Lubricating 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:** product safety department
- **Emergency telephone number:**
Poison Information Centre North (Göttingen)
Phone +49 (0)551-19240

SECTION 2: Hazards identification

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



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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



GHS07

- **Signal word** Warning

(Contd. on page 2)



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according to 1907/2006/EC, Article 31

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 1)

· **Hazard statements**

- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

· **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.
- P273 Avoid release to the environment.
- 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.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

- EUH 208: Contains Calciumalkarylsulfonat, langkettig. 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

· **Mixtures**

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

· **Dangerous components:**

CAS: 147880-09-9 EC number: 604-611-9	Amine, Polyethylenpoly-, Reaktionsprodukte mit 1,3-Dioxolan-2-on und Bernsteinsäureanhydridmonopolyisobutenylderivaten Aquatic Chronic 4, H413	≥0-≤10%
CAS: 98-11-3 EINECS: 202-638-7	benzenesulfonic acid Aquatic Chronic 4, H413	≤2.5%
CAS: 68784-31-6 EINECS: 272-238-5	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts Eye Dam. 1, H318; Aquatic Chronic 2, H411	≥1-<2.5%

(Contd. on page 3)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

		(Contd. of page 2)
CAS: 722503-68-6 EC number: 682-816-2	Calciumalkarylsulfonat, langkettig Skin Sens. 1, H317; Aquatic Chronic 4, H413	≥0.1-<1%
CAS: 121158-58-5 EC number: 310-154-3 Reg.nr.: 01-2119513207-49	phenol, dodecyl-, branched Repr. 1B, H360F; Skin Corr. 1C, H314; Aquatic Chronic 1, H410 (M=10)	≥0.025-<0.25%

· **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 inhalation:** Supply fresh air; consult doctor 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:** If symptoms persist consult 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.
Foam
Sand
Water haze
CO₂, 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.

(Contd. on page 4)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 3)

- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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).
Dispose contaminated material as waste according to section 13.
- **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

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

- **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**68784-31-6 Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts**

Oral	DNEL Long-term - oral, systemic effects	0.21 mg/kg_bw/day (general public)
	DNEL Acute - oral, systemic effects	29 mg/kg bw/day (general public)
Dermal	DNEL Long-term – dermal, systemic effects	10.42 mg/kg_bw/d (Worker)

(Contd. on page 5)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 4)

Inhalative	DNEL Acute - dermal systemic effects	2.1 mg/kg_bw/d (general public) 100 mg/kg bw/day (Worker) 50 mg/kg bw/day (general public)
	DNEL Long-term – inhalation, systemic effects	2.93 mg/m ³ /d (Worker) 11.75 mg/m ³ /d (general public)
	DNEL Acute – inhalation, systemic effects	496.4 mg/m ³ (Worker) 198.6 mg/m ³ (general public)

121158-58-5 phenol, dodecyl-, branched

Dermal	DNEL Long-term – dermal, systemic effects	0.25 mg/kg_bw/d (Worker)
Inhalative	DNEL Acute - dermal systemic effects	166 mg/kg bw/day (Worker)
	DNEL Acute inhalation systemic effects	44.18 mg/m ³ (Worker)

· PNECs

68784-31-6 Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts

PNEC short term, fresh water	0.04 mg/l (Aquatic organisms)
PNEC short term, sea water	0.0046 mg/l (Aquatic organisms)
PNEC short term, sewage plant	3.8 mg/l (Microorganism)
PNEC short term fresh water sediment	0.07 mg/kg (Aquatic organisms)
PNEC short term soil	0.055 mg/kg (terrestrial organisms)
PNEC short term sea water sediment	0.007 mg/kg (Aquatic organisms)
PNEC secondary poisoning	8.33 mg/kg KG/d (Aquatic organisms)

121158-58-5 phenol, dodecyl-, branched

PNEC short term, fresh water	0.074 mg/l (Aquatic organisms)
PNEC short term, sea water	0.0074 mg/l (Aquatic organisms)
PNEC short term, sewage plant	100 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	0.226 mg/kg (Aquatic organisms)
PNEC short term sea water sediment	0.0226 mg/kg (Aquatic organisms)
PNEC short term, intermittent releases	0.00037 mg/l (Aquatic organisms)

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

· **Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

(Contd. on page 6)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 5)

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.

· **Hand protection**

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



Protective gloves

· **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/face protection**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Fluid

· **Colour:**

Yellow-brown

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

(Contd. on page 7)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 6)

· Melting point/freezing point:	-43 °C
· Boiling point or initial boiling point and boiling range	Undetermined.
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	232 °C
· Decomposition temperature:	Not determined.
· pH	Mixture is non-soluble (in water).
· Viscosity:	
· Kinematic viscosity at 20 °C	40 mm ² /s
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	0.866 g/cm ³
· Relative density	Not determined.
· Density (@15°C)	Not determined.
· Vapour density	Not determined.
· Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Solvent content:	
· VOC (EC)	0.00 %
· Change in condition	
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void

(Contd. on page 8)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 7)

· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

98-11-3 benzenesulfonic acid

Oral	LD50	890 mg/kg (rat)
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(Contd. on page 9)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 8)

68784-31-6 Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts

Oral	LD50	2,900-3,400 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)

121158-58-5 phenol, dodecyl-, branched

Oral	LD50	2,100-2,200 mg/kg (rat)
Dermal	LD50	15,000 mg/kg (rabbit)

- **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.
- **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.
- **Information on other hazards**

· **Endocrine disrupting properties**

121158-58-5	phenol, dodecyl-, branched	List II
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SECTION 12: Ecological information

· **Toxicity**

· **Aquatic toxicity:**

68784-31-6 Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts

LC50 (96h) mg/ltr.	46 mg/ltr (Fish)
EL50 (48h)	75 mg/l (Pseudokirchneriella subcapitata)
EL 50(72h)	240-410 mg/l (Scenedesmus quadricauda)
LL50 (96h)	4.4 mg/l (Fish)
NOEC	0.8 mg/l /21d (Pseudokirchneriella subcapitata)

121158-58-5 phenol, dodecyl-, branched

EC50 (48h)	0.037-0.0927 mg/l (daphnia)
EC50 (72h)	0.15-0.765 mg/l (algae)

(Contd. on page 10)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 9)

NOEC	0.07-0.442 mg/l /3d (algae)
	0.011 mg/l /2d (daphnia)

· Persistence and degradability

36878-20-3	Bis(nonylphenyl)amine	31 %
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· Bioaccumulative potential

36878-20-3	Bis(nonylphenyl)amine	7,6
121158-58-5	phenol, dodecyl-, branched	7,14

· Mobility in soil No further relevant information available.**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

· Other adverse effects No further relevant information available.**· Remark:** Harmful to fish**· Additional ecological information:****· General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Self-classification according to Annex 1 (to § 4 paragraph 1, § 8 paragraph 1 and § 10 paragraph 2) of the Ordinance on Facilities for Handling Substances Hazardous to Water 1, 2 (AwSV).

Harmful to aquatic organisms

SECTION 13: Disposal considerations**· Waste treatment methods****· Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

HP14	Ecotoxic
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(Contd. on page 11)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 10)

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|-----------------|
| · UN number or ID number
· ADR, IMDG, IATA | not regulated |
| · UN proper shipping name
· ADR, IMDG, IATA | not regulated |
| · Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | not regulated |
| · Packing group
· ADR, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | not regulated |

SECTION 15: Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture: (Substances not listed)**
None of the ingredients is listed.
- **Directive 2004/42/EC**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

(Contd. on page 12)



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

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Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 11)

· REGULATION (EU) 2019/1148**· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

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

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H360F May damage fertility.

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.

(Contd. on page 13)



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

Printing date 04.05.2023

Version number 1.4 (replaces version 1.3)

Revision: 04.05.2023

Trade name: Oilfino Via Plus 10W40

(Contd. of page 12)

- **Contact:** MSDS authorized Person
- **Version number of previous version:** 1.3
- **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
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - VOC: Volatile Organic Compounds (USA, EU)
 - DNEL: Derived No-Effect Level (UK REACH)
 - PNEC: Predicted No-Effect Concentration (UK REACH)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - Skin Corr. 1C: Skin corrosion/irritation – Category 1C
 - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 - Skin Sens. 1: Skin sensitisation – Category 1
 - Repr. 1B: Reproductive toxicity – Category 1B
 - Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 - Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
 - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
 - Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4