

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**

KG90-0000-0AD  
Version 7.2

Classic OutdoorOil  
Revision date 20 Jun 2025

Print date 20 Jun 2025

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

**1.1 Product identifier**

**Trade name/designation**

KG90-0000-0AD                      Classic OutdoorOil  
0000 colorless  
UFI:                                      2HER-30FM-Q00K-CF7W

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

paint and/or paint-related material

**Relevant identified uses**

Reserved for industrial and professional use.

**Uses advised against**

Do not use for injecting or spraying.

**1.3 Details of the supplier of the safety data sheet**

**Supplier**

Berger-Seidle GmbH  
Maybachstr. 2                      Telephone: +49 6359 8005-0  
67269 Grünstadt                      E-mail: info@berger-seidle.de  
Germany                                  Website: www.berger-seidle.de

**Department responsible for information**

E-mail (competent person)              Sicherheitsdaten@berger-seidle.de

**1.4 Emergency telephone number**

Emergency telephone number              +49 700 24112112  
24 hr. emergency phone number

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Skin Sens. 1                      H317 May cause an allergic skin reaction.  
Aquatic Chronic 3                      H412 Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**



GHS07

**Signal word**

Warning

**Hazard statements**

H317                      May cause an allergic skin reaction.  
H412                      Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P280                      Wear protective gloves and eye protection/face protection.

**Hazard components for labelling**

Hydroxyphenyl-benzotriazole derivatives  
Phthalic anhydride  
Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate

**Supplemental hazard information**

EUH066                      Repeated exposure may cause skin dryness or cracking.

**2.3 Other hazards**

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Spontaneous ignition possible through autoxidation of cloths soaked in the product.  
Also dusts and other soaked objects. The product itself is not self-igniting.  
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### SECTION 3: Composition/information on ingredients.

#### 3.2 Mixtures

##### Description

Öle/Wachse, lösemittelreich, entaromatisiert

##### Hazardous ingredients

CAS No. EC No. Index No.	Substance name REACH No. Classification according to Regulation (EC) No 1272/2008 [CLP]	weight-%
- 918-481-9 649-327-00-6	<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</b> 01-2119457273-39-XXXX Asp. Tox. 1 H304 / EUH066	35,0 < 50,0
- 918-167-1 -	<b>Kohlenwasserstoffe, C11-C12, Iso-Alkane, &lt;2% Aromaten</b> 01-2119472146-39-XXXX Flam. Liq. 3 H226 / Asp. Tox. 1 H304	8,00 < 10,0
1065336-91-5 915-687-0 -	<b>Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate</b> 01-2119491304-40-XXXX Skin Sens. 1A H317 / Repr. 2 H361 / Aquatic Acute 1 H400 / Aquatic Chronic 1 H410	1,00 < 2,00
* 34590-94-8 252-104-2 -	<b>(2-methoxymethylethoxy)propanol</b> 01-2119450011-60-XXXX Substance with a common (EC) occupational exposure limit value.	1,00 < 2,00
64742-47-8 265-149-8 649-422-00-2	<b>Distillates (petroleum), hydrotreated light</b> 01-2119484819-18-XXXX Asp. Tox. 1 H304	1,00 < 2,00
* - 400-830-7 607-176-00-3	<b>Hydroxyphenyl-benzotriazole derivatives</b> 01-0000015075-76-XXXX Skin Sens. 1 H317 / Aquatic Chronic 2 H411	0,500 < 1,00
* 85-44-9 201-607-5 607-009-00-4	<b>Phthalic anhydride</b> 01-2119457017-41-XXXX Acute Tox. 4 H302 / Skin Irrit. 2 H315 / Skin Sens. 1 H317 / Eye Dam. 1 H318 / Resp. Sens. 1 H334 / STOT SE 3 H335	0,150 < 0,200

##### Remark

Full text of H- and EUH-statements: see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

##### Following inhalation

In case of irregular breathing or respiratory arrest provide artificial respiration. Remove casualty to fresh air and keep warm and at rest.

##### Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

##### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

##### Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

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**Self-protection of the first aider**

First aider: Pay attention to self-protection!

**4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms**

In all cases of doubt, or when symptoms persist, seek medical advice.

**4.3 Indication of any immediate medical attention and special treatment needed**

First Aid, decontamination, treatment of symptoms.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Powder, spray mist, (water)

**Unsuitable extinguishing media**

Strong water jet

**5.2 Special hazards arising from the substance or mixture**

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

**5.3 Advice for firefighters**

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Ventilate affected area. Do not breathe vapours.

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

**6.3 Methods and material for containment and cleaning up**

**For containment**

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

**For cleaning up**

Clean using cleansing agents. Do not use solvents.

**6.4 Reference to other sections**

Safe handling: see section 7

Personal protection equipment: refer to section 8

Disposal: see section 13

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

**Advices on safe handling**

Avoid contact with skin, eyes and clothes. Personal protection equipment: see section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

**Advices on general occupational hygiene**

When using do not eat, drink or smoke.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

**Hints on joint storage**

Keep away from strongly acidic and alkaline materials as well as oxidizers.

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**Storage class** LGK10 - Combustible liquids that cannot be assigned to any of the above storage classes

**Further information on storage conditions**

Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Store in a well-ventilated and dry room at temperatures between 5 °C and 25 °C.

**7.3 Specific end use(s)**

Observe technical data sheet.

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

**8.1 Control parameters**

**Occupational exposure limit values**

CAS No.	Substance name	Source	Long-term /short-term (Spitzenbegrenzung)
* 34590-94-8	(2-methoxymethylethoxy)propanol	WEL	308 / - ( - ) mg/m <sup>3</sup> (may be absorbed through the skin)
* 64742-47-8	Distillates (petroleum), hydrotreated light	WEL	800 / - ( - ) mg/m <sup>3</sup> (> or = C7, Cycloalkanes)
* 64742-47-8	Distillates (petroleum), hydrotreated light	WEL	1,200 / - ( - ) mg/m <sup>3</sup> (alkanes >= C7)
85-44-9	Phthalic anhydride	WEL	4 / 12 ( - ) mg/m <sup>3</sup>
* 64-17-5	ethanol; ethyl alcohol	WEL	1,920 / - ( - ) mg/m <sup>3</sup>

**Additional information**

Long-term: Long-term occupational exposure limit value

short-term: short-term occupational exposure limit value

**Biological limit values**

No data available

**DNEL worker**

CAS No.	Substance name	DNEL type	DNEL value
* 34590-94-8	(2-methoxymethylethoxy)propanol	Long-term – inhalation, systemic effects	308 mg/m <sup>3</sup>
* 34590-94-8	(2-methoxymethylethoxy)propanol	Long-term - dermal, systemic effects	283 mg/kg bw/day
-	Hydroxyphenyl-benzotriazole derivatives	DNEL long-term dermal (systemic)	0.25 mg/kg
-	Hydroxyphenyl-benzotriazole derivatives	DNEL long-term inhalative (systemic)	0.35 mg/m <sup>3</sup>
* 85-44-9	Phthalic anhydride	Long-term – inhalation, systemic effects	49.4 mg/m <sup>3</sup>
* 85-44-9	Phthalic anhydride	Long-term - dermal, systemic effects	14 mg/kg bw/day
* 1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	Long-term – inhalation, systemic effects	1.27 mg/m <sup>3</sup>
* 1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	Long-term - dermal, systemic effects	1.8 mg/kg bw/day

**DNEL Consumer**

CAS No.	Substance name	DNEL type	DNEL value
* 34590-94-8	(2-methoxymethylethoxy)propanol	Long-term – inhalation, systemic effects	37.2 mg/m <sup>3</sup>
* 34590-94-8	(2-methoxymethylethoxy)propanol	Long-term - dermal, systemic effects	121 mg/kg bw/day
* 34590-94-8	(2-methoxymethylethoxy)propanol	Long-term - oral, systemic effects	36 mg/kg bw/day

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-	Hydroxyphenyl-benzotriazole derivatives	DNEL long-term dermal (systemic)	0.025 mg/kg	
-	Hydroxyphenyl-benzotriazole derivatives	DNEL long-term inhalative (systemic)	0.085 mg/m³	
*	85-44-9	Phthalic anhydride	Long-term – inhalation, systemic effects	8.7 mg/m³
*	85-44-9	Phthalic anhydride	Long-term - dermal, systemic effects	5 mg/kg bw/day
*	85-44-9	Phthalic anhydride	Long-term - oral, systemic effects	5 mg/kg bw/day
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	Long-term – inhalation, systemic effects	0.31 mg/m³
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	Long-term - dermal, systemic effects	0.9 mg/kg bw/day
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	Long-term - oral, systemic effects	0.18 mg/kg bw/day

**PNEC**

	CAS No.	Substance name	PNEC type	PNEC Value
*	34590-94-8	(2-methoxymethylethoxy)propanol	aquatic, intermittent release	190 mg/L
*	34590-94-8	(2-methoxymethylethoxy)propanol	aquatic, marine water	1.9 mg/L
*	34590-94-8	(2-methoxymethylethoxy)propanol	sewage treatment plant	4,168 mg/L
*	34590-94-8	(2-methoxymethylethoxy)propanol	sediment, freshwater	70.2 mg/kg sediment dw
*	34590-94-8	(2-methoxymethylethoxy)propanol	sediment, marine water	7.02 mg/kg sediment dw
	-	Hydroxyphenyl-benzotriazole derivatives	PNEC aquatic, freshwater	µg/L
	-	Hydroxyphenyl-benzotriazole derivatives	PNEC aquatic, intermittent release	µg/L
	-	Hydroxyphenyl-benzotriazole derivatives	PNEC aquatic, marine water	ng/L
	-	Hydroxyphenyl-benzotriazole derivatives	PNEC sewage treatment plant (STP)	mg/L
	-	Hydroxyphenyl-benzotriazole derivatives	PNEC sediment, freshwater	mg/kg sediment dw
	-	Hydroxyphenyl-benzotriazole derivatives	PNEC sediment, marine water	µg/kg sediment dw
	-	Hydroxyphenyl-benzotriazole derivatives	PNEC soil	mg/kg dry weight
*	85-44-9	Phthalic anhydride	aquatic, intermittent release	5.6 mg/L
*	85-44-9	Phthalic anhydride	aquatic, marine water	0.1 mg/L
*	85-44-9	Phthalic anhydride	sewage treatment plant	10 mg/L
*	85-44-9	Phthalic anhydride	sediment, freshwater	3.8 mg/kg sediment dw
*	85-44-9	Phthalic anhydride	sediment, marine water	0.38 mg/kg sediment dw
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	aquatic, intermittent release	0.009 mg/L
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	aquatic, marine water	0 mg/L
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	sewage treatment plant	1 mg/L
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	sediment, freshwater	1.05 mg/kg sediment dw
*	1065336-91-5	Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate	sediment, marine water	0.11 mg/kg sediment dw

**8.2 Exposure controls**

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Provide good ventilation. This can be achieved with local or room suction.

**Personal protection equipment**

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Hand protection**

Suitable material: NBR (Nitrile rubber)  
Thickness of the glove material  $\geq 0.4$  mm  
Breakthrough time  $\geq 480$  min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin.

Recommended glove articles: EN ISO 374

**Skin protection**

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

Eye glasses with side protection: EN 166

**Body protection**

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. Anti-static clothing including shoes are recommended.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**SECTION 9: Physical and chemical properties**

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

Physical state	Liquid
Colour	brown
Odour	characteristic
pH at 20 °C	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	125 °C
Flash point	Source: Distillates (petroleum), hydrotreated light > 61 °C
flammability	not applicable
Lower explosion limit at 20°C	0.6 Vol-%
Upper explosion limit at 20°C	Source: Distillates (petroleum), hydrotreated light 14 Vol-%
Vapour pressure at 20°C	Source: (2-methoxymethylethoxy)propanol 0.843 mbar
Relative vapour density	not applicable
Density at 20 °C	0.88 kg/l
Water solubility at 20°C	practically insoluble
Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	> 200 °C
Decomposition temperature	Source: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics not determined
Viscosity at 20 °C	80 mm <sup>2</sup> /s
particle characteristics	rechnerisch not applicable

**9.2 Other information**

Solid content 45.7 %



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solvent content

54.3 %

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

### 10.3 Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

### 10.4 Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

Decomposition products in case of fire: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

\*

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### Overall assessment on CMR properties

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.

#### Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Dizziness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful to aquatic life with long lasting effects.

**Acute (short-term) toxicity to aquatic invertebrates**

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- \* **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**  
LC50: > 0.002 mg/L (96 h)

**Chronic (long-term) fish toxicity**

(Oncorhynchus mykiss (Rainbow trout)):

**Chronic (long-term) toxicity to aquatic invertebrate**

NOELR: 1 mg/L (21 d)

- \* **Toxicity to microorganisms**  
2 (5 h)

**12.2 Persistence and degradability**

- \* **(2-methoxymethylethoxy)propanol**  
Biodegradation = 75 % (28 d)

- \* Biodegradation = 93 % (13 d)

**12.3 Bioaccumulative potential**

**(2-methoxymethylethoxy)propanol**

- \* Partition coefficient: n-octanol/water = 1.01

Partition coefficient: n-octanol/water = 0.35 ((2-methoxymethylethoxy)propanol)

**Phthalic anhydride**

Partition coefficient: n-octanol/water = 1.6

Partition coefficient: n-octanol/water  $\geq$  3.17 (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

- \* Partition coefficient: n-octanol/water > 1.52 (Reaction mass of bis(1,2,2,6,6-pentamethylpiperidin-4-yl) sebacate and methyl 1,2,2,6,6-pentamethylpiperidin-4-yl sebacate)

- \* Partition coefficient: n-octanol/water = 1.43 (Phthalic anhydride)

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6 Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7 Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product/Packaging disposal**

Do not empty into drains; dispose of this material and its container in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**Waste codes/waste designations according to EWC/AVV**

080111\* - Waste paint and varnish containing organic solvents or other dangerous substances

\* Hazardous waste according to Directive 2008/98/EC (waste framework directive).

**Other disposal recommendations**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

not applicable

**14.2 UN proper shipping name**

**Land transport (ADR/RID)**

No dangerous good in sense of these transport regulations.

**Sea transport (IMDG)**

No dangerous good in sense of these transport regulations.



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**Air transport (ICAO-TI / IATA-DGR)**

No dangerous good in sense of these transport regulations.

**14.3 Transport hazard class(es)**

not applicable

**14.4 Packing group**

not applicable

**14.5 Environmental hazards**

Land transport (ADR/RID)

not applicable

Sea transport (IMDG)

not applicable

**14.6 Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**14.7 Maritime transport in bulk according to IMO instruments**

No transport as bulk according to IBC Code.

**14.8 Additional information**

**Land transport (ADR/RID)**

not applicable

**Sea transport (IMDG)**

not applicable

**Air transport (ICAO-TI / IATA-DGR)**

not applicable

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU legislation**

**Authorisations and/or restrictions on use**

**Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)**

Use restriction according to REACH annex XVII, no.: 03, 40

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable. Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC value: 459 g/l

**Directive 2004/42/EC on the limitation of emissions of volatile organic compounds**

VOC limit value: 2004/42/IIA(i): 500 g/l (2010)

Maximum VOC content of the product in a ready to use condition: 476 g/L. This product meets the requirements of Regulation (EC) No. 1935/2004 on the limitation of VOC content.

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]**

**Hazard categories / Named dangerous substances**

This product is not classified according to Directive 2012/18/EU.

**National regulations**

Observe in addition any national regulations!

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information**

**List of relevant hazard statements and/or precautionary statements from sections 2 to 15**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**

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H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child (state specific effect if known) (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.
EUH066	Repeated exposure may cause skin dryness or cracking.

**Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

Skin Sens. 1      Calculation method.  
Aquatic Chronic 3      Calculation method.

**Key literature references and sources for data**

Data arise from reference works and literature.

**Abbreviations and acronyms**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
OEL: Occupational Exposure Limit Value  
BLV: Biological limit values  
CAS: Chemical Abstracts Service  
CLP: Classification, Labelling and Packaging  
CMR: Carcinogenic, Mutagenic and Reprotoxic  
DIN: German Institute for Standardization / German industrial standard  
DNEL: Derived No-Effect Level  
EAKV: European Waste Catalogue Directive  
EC: Effective Concentration  
EC: European Community  
EN: European Standard  
EU/EEA: European Economic Area  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
ICAO-TI: International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG Code: International Maritime Code for Dangerous Goods  
ISO: International Organization for Standardization  
LC: Lethal Concentration  
LD: Lethal Dose  
:  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
OECD: Organisation for Economic Cooperation and Development  
PBT: persistent, bioaccumulative, toxic  
PNEC: Predicted No Effect Concentration  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
UN: United Nations  
VOC: Volatile Organic Compounds  
vPvB: very persistent and very bioaccumulative

**Indication of changes**

\* Data changed compared with the previous version.