

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.12.2023

Version number 18.0 (replaces version 17.0)

Revision: 03.11.2022

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

#### 1.1 Product identifier

Trade name:

**Uviwax® UV-Protection**

Article number:

7200 Clear Satin, 7266 Whit Spruce Transparent

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

No further relevant information available.

**Application of the substance / the mixture**

Paint

Coating compound/ Surface coating/ paint

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

Manufacturer/Supplier:

Osmo Holz und Color GmbH & Co. KG  
 Affhüppen Esch 12  
 D-48231 Warendorf  
 Germany

Further information

obtainable from:

Product safety department  
 Tel.: +49 (0) 251 / 692 - 188  
 Fax: +49 (0) 251 / 692 - 462  
 e-mail: helmut.starp@osmo.de

#### 1.4 Emergency telephone

number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

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

Additional information:

For the wording of the listed hazard phrases refer to section 16.

#### 2.2 Label elements

Hazard pictograms

Void

Signal word

Void

Hazard statements

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.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with national regulations.

Additional information:

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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EUH210 Safety data sheet available on request.

Contains biocidal products: 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

### 2.3 Other hazards

Always wear a dust mask when sanding.

Observe the general safety regulations when handling chemicals.

### Results of PBT and vPvB assessment


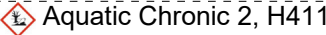

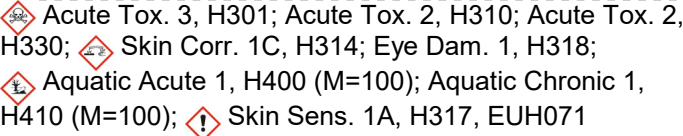
**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

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

<b>Dangerous components:</b>		
CAS: 34590-94-8 EINECS: 252-104-2	Dipropylene glycol monomethyl ether	0–10%
CAS: 5131-66-8 EINECS: 225-878-4 Index number: 603-052-00-8	3-butoxypropan-2-ol 	<2.5%
CAS: 127519-17-9 ELINCS: 407-000-3 Index number: 607-281-00-4	A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl] propionates 	<2.5%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6	1,2-benzisothiazol-3(2H)-one  Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%
CAS: 55965-84-9 Index number: 613-167-00-5	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6% Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.00025–<0.0015%

**SVHC**

Not applicable.

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

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General information:** Take affected persons out into the fresh air.  
Immediately remove any clothing soiled by the product.
- After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:** Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.  
If skin irritation or rash occurs: Get medical advice/attention.
- 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.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing

**agents:** Use fire extinguishing methods suitable to surrounding conditions.

##### For safety reasons unsuitable extinguishing agents:

None known.

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

No further relevant information available.

#### 5.3 Advice for firefighters

##### Protective equipment:

No special measures required.

### SECTION 6: Accidental release measures

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

Wear protective clothing.

##### For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training.

##### For emergency responders

Wear protective equipment. Keep unprotected persons away.

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### 6.2 Environmental

#### precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for

#### containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose of the material collected according to regulations.

Ensure adequate ventilation.

Warm water and cleansing agent

### 6.4 Reference to other sections

No dangerous substances are released.

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

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Avoid contact with skin and eyes.

### General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Do not carry product impregnated cleaning cloths in trouser pockets.

### Information about fire - and explosion protection:

The product is not flammable.

### 7.2 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:**

Protect from frost.

#### Storage class:

TRGS 510 storage class: 12 non-flammable liquids that can not be assigned to any other storage class.

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### 7.3 Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 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

##### 34590-94-8 Dipropylene glycol monomethyl ether

Oral	DNEL Verbraucher (Langzeit - systemische Effekte)	36 mg/kgKG/Tag
Dermal	DNEL Verbraucher (Langzeit - systemische Effekte)	121 mg/cm <sup>2</sup>
Inhalative	Worker (chronic - Systemic health effec)	308 mg/m <sup>3</sup>
	DNEL Verbraucher (Lanzzeit - systemische Effekte)	37.2 mg/m <sup>3</sup>

##### 5131-66-8 3-butoxypropan-2-ol

Oral	DNEL Verbraucher (Langzeit - systemische Effekte)	12.5 mg/kgKG/Tag
Dermal	DNEL Arbeitnehmer (Langzeit - systemische Effekte)	52 mg/kgKG/Tag
	DNEL Verbraucher (Langzeit - systemische Effekte)	22 mg/cm <sup>2</sup>
Inhalative	Worker (chronic - Systemic health effec)	147 mg/m <sup>3</sup>
	DNEL Verbraucher (Lanzzeit - systemische Effekte)	43 mg/m <sup>3</sup>

##### 2634-33-5 1,2-benzisothiazol-3(2H)-one

Dermal	DNEL Arbeitnehmer (Langzeit - systemische Effekte)	0.966 mg/kgKG/Tag
	DNEL Verbraucher (Langzeit - systemische Effekte)	0.345 mg/cm <sup>2</sup>
Inhalative	Worker (chronic - Systemic health effec)	6.81 mg/m <sup>3</sup>
	DNEL Verbraucher (Lanzzeit - systemische Effekte)	1.2 mg/m <sup>3</sup>

##### 55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Oral	DNEL Verbraucher (Langzeit - systemische Effekte)	0.09 mg/kgKG/Tag
	DNEL Verbraucher (AKUT - systemische Effekte)	0.11 mg/kgKG/Tag
Inhalative	DNEL Arbeitnehmer (Langzeit - lokale Effekte)	0.02 mg/m <sup>3</sup>
	DNEL Verbraucher (Langzeit - lokale Effekte)	0.02 mg/m <sup>3</sup>

#### PNECs

##### 34590-94-8 Dipropylene glycol monomethyl ether

PNEC sea water	1.9 mg/l
PNEC fresh water	19 mg/l
PNEC sediment (fresh water)	70.2 mg/kg

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PNEC sediment (sea water)	7.02 mg/kg
PNEC soil	2.74 mg/kg
PNEC sewage treatment plant interrupted release	4,168 mg/l 190 mg/l
<b>5131-66-8 3-butoxypropan-2-ol</b>	
PNEC sea water	0.0525 mg/l
PNEC fresh water	0.525 mg/l
PNEC sediment (fresh water)	2.36 mg/kg
PNEC sediment (sea water)	0.236 mg/kg
PNEC soil	0.16 mg/kg
PNEC sewage treatment plant	10 mg/l
<b>55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b>	
PNEC sea water	0.00339 mg/l
PNEC fresh water	0.0039 mg/l
PNEC sediment (fresh water)	0.027 mg/kg
PNEC sediment (sea water)	0.027 mg/kg
PNEC soil	0.01 mg/kg

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

### 8.2 Exposure controls

#### Appropriate engineering controls

Ensure good ventilation/exhaustion at the workplace.

#### Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Store protective clothing separately.

Do not eat, drink, smoke or sniff while working.

See Section 7 for information on safe handling.

#### Respiratory protection:

Only during spraying without adequate removal by suction.

Not necessary if room is well-ventilated.

Use suitable respiratory protective device only when aerosol or mist is formed.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

#### Hand protection

Protective gloves

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### Material of gloves

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

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

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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

### As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

### Eye/face protection

Goggles recommended during refilling

### Body protection:

Protective work clothing

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Physical state

Fluid

#### Colour:

Whitish

#### Odour:

Mild

#### Odour threshold:

Not determined.

#### Melting point/freezing point:

Undetermined.

#### Boiling point or initial boiling point and boiling range

100 °C

#### Flammability

Not applicable.

#### Lower and upper explosion limit

#### Lower:

Not determined.

#### Upper:

Not determined.

#### Flash point:

Not applicable.

#### Decomposition temperature:

Not determined.

#### pH at 20 °C

8.1 -,8,9

#### Viscosity:

#### Kinematic viscosity at 20 °C

20-35 s (DIN EN ISO 2431/4mm)

>21 mm<sup>2</sup>/s (40°C) (calculated)

#### Dynamic:

Not determined.

#### Solubility

#### water:

Fully miscible.

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<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.05 - 1.11 g/cm <sup>3</sup> (DIN 51757)
<b>Relative density</b>	Not determined.

### 9.2 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)** < 130 g/l (VOC-max. Cat A/e (2010) = 130 g/l)  
26–60 g/l

#### Change in condition

**Evaporation rate** Not determined.

#### Information with regard to physical hazard classes

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

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No further relevant information available.

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### 10.2 Chemical stability

#### Thermal decomposition /

**conditions to be avoided:** No decomposition if used and stored according to specifications.

### 10.3 Possibility of hazardous

#### reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials:

No further relevant information available.

### 10.6 Hazardous

#### decomposition products:

Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)

## 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.

#### LD/LC50 values relevant for classification:

##### 34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>19,020 mg/kg (rat)
		13,000–14,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (selenastrum capricornutum)

##### 5131-66-8 3-butoxypropan-2-ol

Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 / 4h	>3.4 mg/l (rat)

##### 2634-33-5 1,2-benzisothiazol-3(2H)-one

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

##### 55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Oral	LD50	64 mg/kg (rat)
Dermal	LD50	78 mg/kg (rabbit)
Inhalative	LC50 / 4h	0.33 mg/l (rat)

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

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

#### 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.

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<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

**Subacute to chronic toxicity:**

**5131-66-8 3-butoxypropan-2-ol**

AMES-Test | Mutagenität (in vitro)

**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

**Sensitisation** May cause an allergic skin reaction.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:**

**34590-94-8 Dipropylene glycol monomethyl ether**

EC50 / 48h	70.2 mg/l
	1,919 mg/l (Daphnia magna)
LC50 / 96h	5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
LC50 / 48h	10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

**127519-17-9 A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates**

EC50 / 48h	3.2 mg/l (Daphnia magna) (24h EC 50 acute immobilisation test)
Bioconceived factor	<3 (Flow-through fish test)

**2634-33-5 1,2-benzisothiazol-3(2H)-one**

EC50/ 72h	0.15 mg/l (algae)
LC50 / 96h	1.3–1.6 mg/l (fish)
LC50 / 48h	1.5–3.3 mg/l (Daphnia magna)
NOEC / 3 days	0.0403 mg/l (algae)

**55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

EC50 / 48h	0.16 mg/l (Daphnia magna)
LC50 / 96h	0.19 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

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Biolog. Abbaubarkeit	>60 %
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**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

**55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

log POW	≤0.71–0.75
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**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment****PBT:**

Not applicable.

**vPvB:**

Not applicable.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects****Behaviour in sewage processing plants:**

**55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

EC50	7.9 mg/l (activated sludge organism)
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**Additional ecological information:****General notes:**

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

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

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

Disposal must be made according to official regulations.

**European waste catalogue**

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
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15 01 04	metallic packaging
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**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

**Recommended cleansing agents:**

Water, if necessary together with cleansing agents.

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### SECTION 14: Transport information

<b>14.1 UN number or ID number</b> ADR, ADN, IMDG, IATA	Not applicable
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Not applicable
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Not applicable
<b>14.4 Packing group</b> ADR, IMDG, IATA	Not applicable
<b>14.5 Environmental hazards:</b> Marine pollutant:	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN "Model Regulation":</b>	Not applicable

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Directive 2004/42/EC**

Product type: PAINTS AND VARNISHES  
 • Product subcategory: Interior/exterior trim varnishes and woodstains, including opaque woodstains  
 • Water-borne coatings, Limit value: 130 g/l  
 VOC: <130 g/l

**Directive 2012/18/EU**  
**Named dangerous substances - ANNEX I REGULATION (EC) No 1907/2006 ANNEX XVII**

None of the ingredients is listed.

Conditions of restriction: 3

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

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### 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 (EC)** < 130 g/l (VOC-max. = 130 g/l (2010 A/e))

#### 15.2 Chemical safety

**assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

<b>Relevant phrases</b>	H226	Flammable liquid and vapour.
	H301	Toxic if swallowed.
	H302	Harmful if swallowed.
	H310	Fatal in contact with skin.
	H314	Causes severe skin burns and eye damage.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.
	H330	Fatal if inhaled.
	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.
	EUH071	Corrosive to the respiratory tract.

#### Classification according to

**Regulation (EC) No 1272/2008** The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

**Department issuing SDS:** product safety department

**Contact:** Hr. Dr. Starp

**Date of previous version:** 23.08.2021

**Version number of previous version:**

17.0

(Contd. on page 14)

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 06.12.2023

Version number 18.0 (replaces version 17.0)

Revision: 03.11.2022

**Trade name: Uviwax® UV-Protection**

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**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 (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 3: Acute toxicity – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Acute Tox. 2: Acute toxicity – Category 2  
 Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
 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. 1: Skin sensitisation – Category 1  
 Skin Sens. 1A: Skin sensitisation – Category 1A  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 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

**Sources**

ECHA Portal  
 ESI : European chemical Substances Information System  
 Safety data sheets from raw material suppliers

**\* Data compared to the previous version altered.**

Additions, Deletions, Revisions  
 Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (REACH)