

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Ref. 130000006410/D

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## StoColor Dryonic

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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

Trade name StoColor Dryonic

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

Coating

Uses advised against This information is not available.

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

Sto SE & Co. KGaA  
Ehrenbachstr. 1  
D - 79780 Stühlingen  
Telephone: +49 7744 57-0  
Telefax: +49 7744 57 -2178  
infoservice@sto.com

E-mail address of person responsible for the SDS European Union

Sto SE & Co. KGaA  
TIQ Quality Management Department  
e.volz@sto.com

#### 1.4 Emergency telephone number European Union

Phone: +44 (0)1235 239 670

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

##### Additional Labelling

EUH210 Safety data sheet available on request.

EUH208

Contains 1,2-benzisothiazol-3(2H)-one, 2-octyl-2H-isothiazol-3-one, 4,5-dichloro-2-octyl-2H-isothiazol-3-one, 5-chloro-2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

These are preservatives.  
Avoid contact with the skin and the eyes.

EUH211

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe

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spray or mist.

### Regulation concerning biocidal products (528/2012):

Contains 3-iodo-2-propynyl butylcarbamate  
, 4,5-dichloro-2-octyl-2H-isothiazol-3-one, 2-octyl-2H-isothiazol-3-one. As active agents for coating protection in accordance with Biocidal Product Regulation (528/2012), Article 58(3)

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
titanium dioxide	13463-67-7 236-675-5 01-2119489379-17-XXXX	Carc. 2; H351, Note V, Note W, Note 10	≥ 10 - < 20
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400  M-Factor (Acute aquatic toxicity): 1  specific concentration limit Skin Sens. 1; H317 ≥ 0,05 %	≥ 0,0025 - < 0,025
2-octyl-2H-isothiazol-3-one	26530-20-1 247-761-7 613-112-00-5	Acute Tox. 2; H330 Acute Tox. 3; H311 Acute Tox. 3; H301 Skin Corr. 1; H314 Eye Dam. 1; H318	≥ 0,005 - < 0,01



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		<p>Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410</p> <hr/> <p>M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100</p> <hr/> <p>specific concentration limit Skin Sens. 1A; H317 ≥ 0,0015 %</p> <hr/> <p>Acute toxicity estimate</p> <p>Acute oral toxicity: 125 mg/kg Acute inhalation toxicity: 0,27 mg/l Acute dermal toxicity: 311 mg/kg</p>	
4,5-dichloro-2-octyl-2H-isothiazol-3-one	64359-81-5 264-843-8	<p>Acute Tox. 2; H330 Acute Tox. 4; H302 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410</p> <hr/> <p>M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 10</p> <hr/> <p>specific concentration limit Skin Irrit. 2; H315 0,025 - &lt; 5 % Eye Irrit. 2; H319 0,025 - &lt; 3 % Skin Sens. 1A; H317 ≥ 0,0015 %</p> <hr/> <p>Acute toxicity estimate</p> <p>Acute oral toxicity: 567 mg/kg Acute inhalation toxicity: 0,16 mg/l</p>	≥ 0,005 - < 0,01
5-chloro-2-methyl-2H-isothiazol-3-one	26172-55-4 247-500-7	<p>Acute Tox. 2; H330 Acute Tox. 3; H311 Acute Tox. 3; H301</p>	≥ 0,0002 - < 0,0015

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		Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 1; H410 Aquatic Acute 1; H400 Eye Dam. 1; H318  M-Factor (Acute aquatic toxicity): 1  specific concentration limit Skin Sens. 1 $\geq 0,0015 \%$ Skin Irrit. 2 $0,06 - < 0,6 \%$ Eye Irrit. 2 $0,06 - < 0,6 \%$ Skin Corr. 1B $\geq 0,6 \%$	
Substances with a workplace exposure limit :			
(2-methoxymethylethoxy) propanol	34590-94-8 252-104-2 01-2119450011-60-XXXX		$\geq 1 - < 5$

For explanation of abbreviations see section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.



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Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.
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### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. No information available.
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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media	Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical Water spray
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Unsuitable extinguishing media	High volume water jet
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### 5.2 Special hazards arising from the substance or mixture

Fire may cause evolution of:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)  
Exposure to decomposition products may be a hazard to health.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### Additional advice

Use water spray to cool unopened containers.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation.  
Do not breathe vapour.

### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Clean with detergents. Avoid solvents.



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Dispose of contaminated material as waste according to item 13.  
Clean contaminated surface thoroughly.

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.  
Prevent unauthorized access.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Comply with the statutory regulations on health and safety at work.

Hygiene measures

Wash hands before breaks and at the end of workday.  
When using do not eat, drink or smoke.  
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

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

Requirements for storage areas and containers

Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store in original container.  
Observe label precautions.  
Protect from frost, heat and sunlight.

Advice on common storage

Keep away from oxidizing agents and strongly acid or alkaline materials.

### 7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure limit(s)

Components		CAS-No.
Basis	Type:	Control parameters
(2-methoxymethylethoxy) propanol		34590-94-8
2000/39/EC	Limit Value - eight hours	308 mg/m <sup>3</sup>
2000/39/EC	Limit Value - eight hours	50 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	

The lists that were valid during the creation were used as basis.



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### 8.2 Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation.

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

- |                                       |   |
|---------------------------------------|---|
| a) Eye/face protection                | Wear protective goggles for protection against splashed liquid.<br><br>Safety glasses with side-shields conforming to EN166   |
| b) Skin protection<br>Hand protection | Recommended preventive skin protection<br>Before starting work, apply water-resistant skincare preparations to exposed skin areas.<br>Protective gloves should be worn in case of skin contact during preparation and application.<br><br>Break through time: 480 min<br>Minimum thickness: 0,11 mm<br>Gloves made of nitrile rubber, e.g. KCL 740 Dermatril® (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent.<br>Cotton undergloves are recommendable when wearing protective gloves!<br>Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.<br><br>The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.<br>The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. |
| Body Protection                       | Work clothes<br>Skin should be washed after contact.<br>Do NOT use solvents or thinners.  |
| c) Respiratory protection             | No personal respiratory protective equipment normally required.<br>In case of insufficient ventilation, wear suitable respiratory equipment.<br>Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog.<br>Respiratory protection complying with EN 143.   |

#### Environmental exposure controls

- |                |  |
|----------------|--|
| General advice | The product should not be allowed to enter drains, water courses or the soil.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
|----------------|--|

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



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### 9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	various
Odour	characteristic
Odour Threshold	No data available
pH	ca. 8,4
Melting point/freezing point	< 0 °C
Initial boiling point and boiling range	No data available
Flash point	> 100 °C
Evaporation rate	not applicable
Flammability (solid, gas)	not applicable
Upper explosion limit / Upper flammability limit	No data available
Lower explosion limit / Lower flammability limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	ca. 1,225 g/cm <sup>3</sup>
Solubility(ies) Water solubility	soluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available
Viscosity Viscosity, dynamic	ca. 1.990 mPa.s
Explosive properties	Not explosive
Oxidizing properties	Not applicable

### 9.2 Other information

Flow time	No data available
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### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions                      This information is not available.

#### 10.4 Conditions to avoid

Conditions to avoid                      Stable under recommended storage and handling conditions (see section 7).

#### 10.5 Incompatible materials

Materials to avoid                      Strong acids and strong bases  
Strong oxidizing agents

#### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

### SECTION 11: TOXICOLOGICAL INFORMATION

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

##### Acute toxicity

##### Product:

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

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

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

##### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Acute oral toxicity                      Harmful if swallowed.

##### **2-octyl-2H-isothiazol-3-one:**

Acute oral toxicity                      Acute toxicity estimate: 125 mg/kg  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute inhalation toxicity              Acute toxicity estimate: 0,27 mg/l  
Test atmosphere: dust/mist  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute dermal toxicity                    Acute toxicity estimate: 311 mg/kg  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

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### 4,5-dichloro-2-octyl-2H-isothiazol-3-one:

Acute oral toxicity Acute toxicity estimate: 567 mg/kg  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute inhalation toxicity Acute toxicity estimate: 0,16 mg/l  
Test atmosphere: dust/mist  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

### 5-chloro-2-methyl-2H-isothiazol-3-one:

Acute oral toxicity Toxic if swallowed.

Acute inhalation toxicity Fatal if inhaled.

Acute dermal toxicity Toxic in contact with skin.

### Skin corrosion/irritation

#### Product:

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

### Components:

**1,2-benzisothiazol-3(2H)-one:**  
Causes skin irritation.

**2-octyl-2H-isothiazol-3-one:**  
Causes severe skin burns and eye damage.

**4,5-dichloro-2-octyl-2H-isothiazol-3-one:**  
Causes severe skin burns and eye damage.

**5-chloro-2-methyl-2H-isothiazol-3-one:**  
Causes severe skin burns and eye damage.

### Serious eye damage/eye irritation

#### Product:

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

### Components:

**1,2-benzisothiazol-3(2H)-one:**  
Causes serious eye damage.

**2-octyl-2H-isothiazol-3-one:**  
Causes serious eye damage.

**4,5-dichloro-2-octyl-2H-isothiazol-3-one:**  
Causes serious eye damage.

**5-chloro-2-methyl-2H-isothiazol-3-one:**  
Causes serious eye damage.

### Respiratory or skin sensitisation

#### Product:

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

Exposure routes Skin contact  
Based on available data, the classification criteria are not met.  
The toxicological data has been taken from products of similar



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II composition.

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

May cause an allergic skin reaction.

**2-octyl-2H-isothiazol-3-one:**

May cause an allergic skin reaction.

**4,5-dichloro-2-octyl-2H-isothiazol-3-one:**

Species

Guinea pig

Method

OECD Test Guideline 406

May cause an allergic skin reaction.

**5-chloro-2-methyl-2H-isothiazol-3-one:**

May cause an allergic skin reaction.

**Germ cell mutagenicity**

**Product:**

Genotoxicity in vitro

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

**Carcinogenicity**

**Product:**

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

**Components:**

**titanium dioxide:**

Suspected of causing cancer.

**Reproductive toxicity**

**Product:**

Effects on fertility

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

Developmental Toxicity

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

**STOT - single exposure**

**Product:**

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

**STOT - repeated exposure**

**Product:**

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

**Aspiration toxicity**

**Product:**

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

**Further information**

**Product:**

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article

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57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### Further information

#### Product:

#### Remarks

: The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Product:

Toxicity to fish

No data available

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 1,6 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia (water flea)): 2,94 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants

EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity)

1

Toxicity to microorganisms

EC50 (Pseudomonas putida): 0,4 mg/l  
Exposure time: 16 h

##### **2-octyl-2H-isothiazol-3-one:**

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 0,05 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 0,42 mg/l  
Exposure time: 48 h

M-Factor (Acute aquatic toxicity)

100

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

NOEC: 0,058 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

M-Factor (Chronic aquatic toxicity)

100

##### **4,5-dichloro-2-octyl-2H-isothiazol-3-one:**

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 0,0078 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia (water flea)): 0,0097 mg/l  
Exposure time: 48 h



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	Test Type: static test Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Desmodesmus subspicatus (green algae)): 0,025 mg/l Exposure time: 72 h Method: OECD Test Guideline 201  NOEC (Scenedesmus quadricauda (Green algae)): 0,015 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	100
Toxicity to fish (Chronic toxicity)	NOEC: 0,00047 mg/l Exposure time: 28 d Species: Danio rerio (zebra fish) Method: OECD Test Guideline 210
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,0004 mg/l Exposure time: 21 d Species: Daphnia (water flea) Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	10
<b>5-chloro-2-methyl-2H-isothiazol-3-one:</b>	
Toxicity to fish	LC50 (Danio rerio (zebra fish)): 0,19 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 0,18 mg/l Exposure time: 48 h
M-Factor (Acute aquatic toxicity)	1

### 12.2 Persistence and degradability

#### Product:

Biodegradability No data available

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Biodegradability rapidly degradable  
Biodegradation: > 90 %  
Method: OECD Test Guideline 303A

##### **2-octyl-2H-isothiazol-3-one:**

Biodegradability Not readily biodegradable.

##### **4,5-dichloro-2-octyl-2H-isothiazol-3-one:**

Biodegradability rapidly degradable

##### **(2-methoxymethylethoxy) propanol:**

Biodegradability Biodegradation: 75 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301  
rapidly biodegradable

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### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation No data available

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water log Pow: 0,4

**4,5-dichloro-2-octyl-2H-isothiazol-3-one:**

Bioaccumulation Bioconcentration factor (BCF): 13

Partition coefficient: n-octanol/water log Pow: 4,4

**(2-methoxymethylethoxy) propanol:**

Partition coefficient: n-octanol/water log Pow: -0,35

### 12.4 Mobility in soil

**Product:**

Mobility No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

**Product:**

Additional ecological information Do not allow product to enter into ground water, bodies of water or sewage systems.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product The user is responsible for proper coding and marking of any waste. Dispose of as special waste in compliance with local and national regulations. Partial and residual quantities can be reused.

Contaminated packaging Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.

Waste key for the unused 08 01 12 Waste paint and varnish other than those covered by 08 01 11



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product

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number or ID number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

#### 14.6 Special precautions for user

Remarks This information is not available.

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

Remarks Not applicable

### SECTION 15: REGULATORY INFORMATION

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

VOC  
Directive 2010/75/EU 3,3 %

VOC  
Directive 2004/42/EC 2,3 %  
27,9 g/l

EU limit value for this product (cat. A/d) :130 g/l This product contains max130 g/IVOC.

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and Not applicable

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import of dangerous chemicals

Other regulations

Comply with the statutory regulations on health and safety at work.

**15.2 Chemical safety assessment**

This information is not available.

**SECTION 16: OTHER INFORMATION**

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

**Full text of H-Statements**

H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H311	: Toxic 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.
H330	: Fatal if inhaled.
H351	: Suspected of causing cancer if inhaled.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

**Full text of other abbreviations**

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Carc.	: Carcinogenicity
Eye Dam.	: Serious eye damage
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory;





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LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

Other information

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing MSDS

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Product code  
REG\_EU / EN

PROD3413



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