

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 27 Jan 2023

Print date: 27 Jan 2023

Version: 3.1

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innovative surface protection

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## OBTEGO R-50

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

#### 1.1. Product identifier

Trade name/designation:

**OBTEGO R-50**

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

No data available

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

**Manufacturer:**

**OBTEGO AG**

Landshuter Straße 36  
84051 Essenbach/Altheim  
Germany

**Telephone:** +49 8703/93844-0

**Telefax:** +49 8703/93844-29

**E-mail:** sdb@obtego.com

**Website:** www.obtego.com

**E-mail (competent person):** sdb@obtego.com

#### 1.4. Emergency telephone number

24h: +49(0)89-19240

### 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 not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard statements:** none

##### Supplemental hazard information

EUH208 Contains KATHON CG. May produce an allergic reaction.

##### Precautionary statements Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.


#### 2.3. Other hazards

No data available

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 34590-94-8 EC No.: 252-104-2 REACH No.: 01-2119450011-60-XXXX	<b>(2-methoxymethylethoxy)propanol</b> Substance with a community workplace exposure limit.	0 - ≤ 2 weight-%
CAS No.: 2943-75-1 EC No.: 220-941-2 REACH No.: 01-2119972313-39-0001	<b>triethoxyoctylsilane</b> Skin Irrit. 2 (H315)  Warning	0 - ≤ 2 weight-%

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Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 55965-84-9 Index No.: 613-167-00-5	<b>KATHON CG</b> Acute Tox. 2 (H330, H310), Acute Tox. 3 (H301), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1C (H314), Skin Sens. 1A (H317)  Danger EUH071 M-factor (acute): 100 M-factor (chronic): 100 <b>Specific concentration limit (SCL)</b> 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 - ≤ 0.0014 weight-%

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

##### Following inhalation:

Provide fresh air.

##### Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect).

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

No known symptoms to date.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media:

The product itself does not burn.

##### Unsuitable extinguishing media:

Full water jet

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

Pyrolysis products, toxic

##### Hazardous combustion products:

In case of fire: Gases/vapours, toxic: Nitrogen oxides (NO<sub>x</sub>), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Dispose of waste according to applicable legislation. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

##### Personal precautions:

Special danger of slipping by leaking/spilling product. Provide adequate ventilation. Remove persons to safety. Avoid breathing dust/fume/gas/mist/vapours/spray.

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### **Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

### **6.1.2. For emergency responders**

#### **Personal protection equipment:**

Personal protection equipment: see section 8

### **6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

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

#### **For containment:**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### **For cleaning up:**

Wipe up with absorbent material (eg. cloth, fleece). Wash with plenty of water.

#### **Other information:**

Treat the recovered material as prescribed in the section on waste disposal.

### **6.4. Reference to other sections**

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### **6.5. Additional information**

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### **7.1. Precautions for safe handling**

#### **Protective measures**

##### **Advices on safe handling:**

Provide adequate ventilation. Wear personal protection equipment (refer to section 8).

##### **Fire prevent measures:**

Usual measures for fire prevention.

##### **Measures to prevent aerosol and dust generation:**

Use only in well-ventilated areas.

##### **Environmental precautions:**

Do not allow to enter into surface water or drains.

##### **Advices on general occupational hygiene**

Wash hands before breaks and after work. Use protective skin cream before handling the product. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

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

#### **Technical measures and storage conditions:**

Keep container tightly closed in a cool, well-ventilated place.

#### **Packaging materials:**

Keep/Store only in original container.

#### **Requirements for storage rooms and vessels:**

The floor should be leak tight, jointless and not absorbent.

#### **Hints on storage assembly:**

Do not store together with: Food and feedingstuffs

**Storage class (TRGS 510, Germany):** 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

#### **Further information on storage conditions:**

Protect containers against damage. Keep away from heat.

### **7.3. Specific end use(s)**

#### **Recommendation:**

Observe technical data sheet.

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## OBTEGO R-50

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
IOELV (EU)	<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	① 50 ppm (308 mg/m <sup>3</sup> ) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	① 50 ppm (310 mg/m <sup>3</sup> ) ② 50 ppm (310 mg/m <sup>3</sup> ) ⑤ (Aerosol und Dampf) DFG, EU, 11

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	310 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	37.2 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	65 mg/kg bw/ day	① DNEL worker ② Long-term - dermal, systemic effects
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	15 mg/kg bw/ day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	1.67 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	19 mg/L	① PNEC aquatic, freshwater
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	1.9 mg/L	① PNEC aquatic, marine water
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	4,168 mg/L	① PNEC sewage treatment plant
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	70.2 mg/kg	① PNEC sediment, freshwater
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	7.02 mg/kg	① PNEC sediment, marine water
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	190 mg/L	① PNEC air

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Substance name	PNEC Value	① PNEC type
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	2.74 mg/kg	① PNEC soil, freshwater

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Technical measures to prevent exposure

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Eye glasses with side protection EN 166

##### Skin protection:

Tested protective gloves must be worn EN ISO 374. Suitable material: Butyl caoutchouc (butyl rubber), Breakthrough time: > 120 min. In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

##### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection necessary at: aerosol or mist formation. Filtering device (full mask or mouthpiece) with filter: A-P2

##### Other protection measures:

Wear suitable protective clothing.

#### 8.2.3. Environmental exposure controls

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Colour:** not determined

**Odour:** not determined

#### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	9	20 °C	
Melting point	<i>not determined</i>		
Freezing point	<i>not determined</i>		
Initial boiling point and boiling range	<i>not determined</i>		
Decomposition temperature	<i>not determined</i>		
Flash point	<i>not determined</i>		
Evaporation rate	<i>not determined</i>		
Auto-ignition temperature	<i>not determined</i>		
Upper/lower flammability or explosive limits	<i>not determined</i>		
Vapour pressure	<i>not determined</i>		
Vapour density	<i>not determined</i>		
Density	1.025 g/cm <sup>3</sup>	20 °C	
Relative density	<i>not determined</i>		
Bulk density	<i>not determined</i>		
Water solubility	<i>not determined</i>		
Partition coefficient: n-octanol/water	<i>not determined</i>		
Dynamic viscosity	<i>not determined</i>		
Kinematic viscosity	<i>not determined</i>		

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### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

See section 7. No additional measures necessary.

### 10.5. Incompatible materials

Materials to avoid: Oxidising agent

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2
<b>LD<sub>50</sub> oral:</b> 5,140 mg/kg (Ratte)
<b>LD<sub>50</sub> dermal:</b> 9,510 mg/kg (Kaninchen)
<b>triethoxyoctylsilane</b> CAS No.: 2943-75-1 EC No.: 220-941-2
<b>LD<sub>50</sub> oral:</b> >5,110 mg/kg (Rat) OECD 401
<b>LD<sub>50</sub> dermal:</b> 6,730 mg/kg (Rabbit) OECD 402
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> 22 mg/L 4 h (Rat) OECD 403
<b>KATHON CG</b> CAS No.: 55965-84-9
<b>ATE oral:</b> >5,000 mg/kg
<b>ATE dermal:</b> >3,700 mg/kg
<b>ATE inhalativ Stäube+Nebel:</b> >5 mg/L
<b>LD<sub>50</sub> oral:</b> 200 mg/kg (rat) OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
<b>LD<sub>50</sub> dermal:</b> >1,008 mg/kg (rat)
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> 0.171 mg/L 4 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation 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/irritation:

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

#### Respiratory or skin sensitisation:

Contains KATHON CG. May produce an allergic reaction.

#### 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.

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### 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.

### Additional information:

No data available

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2
<b>LC<sub>50</sub></b> : 10,000 mg/L 4 d (fish, <i>Pimephales promelas</i> (fathead minnow))
<b>EC<sub>50</sub></b> : 1,919 mg/L 2 d ( <i>Daphnia magna</i> (Big water flea))
<b>LC<sub>50</sub></b> : >1,000 mg/L 4 d (fish, <i>Poecilia reticulata</i> )
<b>LC<sub>50</sub></b> : >1,000 mg/L 2 d (crustaceans, <i>Crangon crangon</i> ) EPA OPP 72-3 (Estuarine/Marine Fish, Mollusk, or Shrimp Acute Toxicity Test)
<b>LC<sub>50</sub></b> : >1,000 mg/L 3 d (crustaceans, <i>Crangon crangon</i> ) EPA OPP 72-3 (Estuarine/Marine Fish, Mollusk, or Shrimp Acute Toxicity Test)
<b>LC<sub>50</sub></b> : >1,000 mg/L 4 d (crustaceans, <i>Crangon crangon</i> ) EPA OPP 72-3 (Estuarine/Marine Fish, Mollusk, or Shrimp Acute Toxicity Test)
<b>EC<sub>50</sub></b> : >969 mg/L 3 d (Algae/water plant, <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> ))
<b>EC<sub>50</sub></b> : >969 mg/L 4 d (Algae/water plant, <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> ))
<b>NOEC</b> : 969 mg/L 3 d (Algae/water plant, <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> ))
<b>NOEC</b> : 969 mg/L 4 d (Algae/water plant, <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> ))
<b>LOEC</b> : 0.5 mg/L 22 d (crustaceans, <i>Daphnia magna</i> )



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<b>KATHON CG</b> CAS No.: 55965-84-9
<b>EC<sub>50</sub></b> : 0.1 mg/L 2 d (Daphnia magna (Big water flea)) OECD 202
<b>EC<sub>50</sub></b> : 0.048 mg/L 3 d (Pseudokirchneriella subcapitata) OECD 201
<b>EC<sub>50</sub></b> : 0.22 mg/L 4 d (Oncorhynchus mykiss (Rainbow trout)) OECD 203
<b>NOEC</b> : 0.004 mg/L 21 d (Daphnia magna (Big water flea)) OECD 211
<b>NOEC</b> : 0.098 mg/L 28 d (Oncorhynchus mykiss (Rainbow trout)) OECD 210
<b>NOEC</b> : 0.0012 mg/L 3 d (Pseudokirchneriella subcapitata) OECD 201
<b>EC<sub>50</sub></b> : 7.92 mg/L (Activated sludge) OECD 209
<b>LC<sub>50</sub></b> : 0.19 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)
<b>LC<sub>50</sub></b> : 0.18 mg/L 2 d (crustaceans, Daphnia magna) EPA OPP 72-2 (Aquatic Invertebrate Acute Toxicity Test)
<b>LC<sub>50</sub></b> : 0.282 mg/L 4 d (crustaceans, Americamysis bahia (previous name: Mysidopsis bahia)) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)
<b>EC<sub>50</sub></b> : 0.0181 mg/L 2 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum))
<b>EC<sub>50</sub></b> : 0.0063 mg/L 3 d (Algae/water plant, Skeletonema costatum)
<b>EC<sub>50</sub></b> : 0.0357 mg/L 4 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum))
<b>EC<sub>50</sub></b> : 0.099 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
<b>NOEC</b> : 0.00049 mg/L 2 d (Algae/water plant, Skeletonema costatum)
<b>NOEC</b> : 0.0014 mg/L 3 d (Algae/water plant, Skeletonema costatum)
<b>NOEC</b> : 0.13 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)
<b>NOEC</b> : 0.098 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 215 (Fish, Juvenile Growth Test)
<b>NOEC</b> : 0.1 mg/L 21 d (crustaceans, Daphnia magna) EPA OPP 72-4 (Fish Early Life-Stage and Aquatic Invertebrate Life-Cycle Studies)
<b>LOEC</b> : 0.144 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 215 (Fish, Juvenile Growth Test)

### 12.2. Persistence and degradability

<b>triethoxyoctylsilane</b> CAS No.: 2943-75-1 EC No.: 220-941-2
<b>Biodegradation</b> : Yes, slowly
<b>KATHON CG</b> CAS No.: 55965-84-9
<b>Biodegradation</b> : Yes, rapidly

### 12.3. Bioaccumulative potential

<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2
<b>Log K<sub>OW</sub></b> : 0.001
<b>triethoxyoctylsilane</b> CAS No.: 2943-75-1 EC No.: 220-941-2
<b>Log K<sub>OW</sub></b> : 6.41
<b>Bioconcentration factor (BCF)</b> : 1,980 Species: Cyprinus carpio
<b>KATHON CG</b> CAS No.: 55965-84-9
<b>Log K<sub>OW</sub></b> : 0.75
<b>Bioconcentration factor (BCF)</b> : 3.6

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2
<b>Results of PBT and vPvB assessment</b> : This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
<b>triethoxyoctylsilane</b> CAS No.: 2943-75-1 EC No.: 220-941-2
<b>Results of PBT and vPvB assessment</b> : This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.



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**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

#### 13.1.1. Product/Packaging disposal

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

##### Waste code product

08 02 99	Wastes not otherwise specified
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##### Waste code packaging

15 01 02	Plastic packaging
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### Waste treatment options

#### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package:

Completely emptied packages can be recycled.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

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

No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Other regulations (EU):

2008/98/EC, 2001/118/EC, 1999/13/EC, 2004/42/EC, (EC) No. 1907/2006, (EU) 2015/830, 75/324/EEC, 2008/47/EC, (EC) No. 1272/2008, 2008/68/EC, (EC) No. 648/2004

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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Information on Directive 1999/13 / EC on the limitation of emissions of volatile organic compounds (VOC-RL): VOC (in g / L): 27 g/l  
VOC EU limit (2004/42 / EC) (Cat IIA /i): 140 g/l, VOC value 27 g/l  
This product meets the requirements of Regulation (EC) No. 1935/2004 on the limitation of VOC content.

### 15.1.2. National regulations

#### [DE] National regulations

##### Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

##### Störfallverordnung (12. BImSchV)

###### Remark:

Not subject to StörfallVO.

##### Water hazard class

###### WGK:

1 - schwach wassergefährdend

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://www.euphrac.eu)

### 16.3. Key literature references and sources for data

Substance name	Type	source of supply
<b>KATHON CG</b> CAS No.: 55965-84-9	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> Acute inhalation toxicity (dust/ mist); LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>(2-methoxymethylethoxy)propanol</b> CAS No.: 34590-94-8 EC No.: 252-104-2	LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H301	Toxic 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.

Supplemental hazard information	
EUH071	Corrosive to the respiratory tract.

### 16.6. Training advice

No data available

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### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.