

SAFETY DATA SHEET

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

Date of creation: 8 Apr 2025

Revised on: 29 Apr 2026

Version: 3.2, replaces version 3.1

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

1.1. Product identifier

Trade name/designation:

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

Use of the substance/mixture:

Impregnation agent

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

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]

Hazard statements: none

Supplemental hazard information

EUH208

Contains KATHON CG. May produce an allergic reaction.

Precautionary statements Prevention

P280

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

2.3. Other hazards

Adverse human health effects and symptoms:

This product contains a substance that has endocrine disrupting properties with respect to humans.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Description:

Contains: Acrylate Dispersion

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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	(2-methoxymethylethoxy)propanol Substance with a community workplace exposure limit. Acute Toxicity Estimate ATE (oral) 5,140 mg/kg ATE (dermal) 9,510 mg/kg	4 – ≤ 6 weight-%
CAS No.: 126-71-6 EC No.: 204-798-3 REACH No.: 01-2119957118-32-XXXX	triisobutyl phosphate Aquatic Chronic 3 (H412), Skin Sens. 1 (H317)  Warning	0 – ≤ 0.9 weight-%
CAS No.: 55965-84-9 Index No.: 613-167-00-5	KATHON CG 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 Specific concentration limit (SCL) 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 – < 0.0015 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.

In case of skin contact:

IF ON SKIN: Wash with plenty of water and soap.

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. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Pyrolysis products, toxic. The product itself does not burn.

Hazardous combustion products:

Nitrogen oxides (NOx), Formaldehyde, Carbon dioxide (CO₂), Carbon monoxide. In case of fire: Gases/ vapours, toxic

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5.3. Advice for firefighters

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

5.4. Additional information

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

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

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:

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

Fire prevent measures:

Usual measures for fire prevention. No special measures are necessary.

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.

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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.

Industrial sector specific solutions:

Covering agents, water based, low-preservatives

GISCODE:

BSW20

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)	(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	① 50 ppm (308 mg/m ³) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	① 50 ppm (310 mg/m ³) ② 50 ppm (310 mg/m ³) ⑤ (Aerosol und Dampf) DFG, EU, 11
TRGS 900 (DE)	triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	① 50 mg/m ³ ② 100 mg/m ³ ⑤ (Aerosol und Dampf) AGS, Sh, 11
DFG (DE) from 1 Jul 2024	KATHON CG CAS No.: 55965-84-9	① 0.2 mg/m ³ ⑤ (einatembare Fraktion) Gemisch aus cas 26172-55 und 2682-20

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 ③ Exposure time
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	310 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	308 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects ③ 8 h
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	37.2 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects

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Substance name	DNEL value	① DNEL type ② Exposure route ③ Exposure time
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	37.2 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects ③ 8 h
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	65 mg/kg bw/ day	① DNEL worker ② Long-term - dermal, systemic effects
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	283 mg/kg bw/ day	① DNEL worker ② Long-term - dermal, systemic effects ③ 8 h
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	15 mg/kg bw/ day	① DNEL Consumer ② Long-term - dermal, systemic effects
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	121 mg/kg bw/ day	① DNEL Consumer ② Long-term - dermal, systemic effects ③ 8 h
(2-methoxymethylethoxy)propanol 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
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	36 mg/kg bw/ day	① DNEL Consumer ② Long-term - oral, systemic effects ③ 8 h
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	50 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects ③ 8 h
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	8.89 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects ③ 8 h
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	4.25 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects ③ 8 h
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	2.13 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects ③ 8 h
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	2.13 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects ③ 8 h

Substance name	PNEC Value	① PNEC type
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	19 mg/L	① PNEC aquatic, freshwater
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	19 mg/L	① PNEC aquatic, freshwater
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	1.9 mg/L	① PNEC aquatic, marine water
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	1.9 mg/L	① PNEC aquatic, marine water

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Substance name	PNEC Value	① PNEC type
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	4,168 mg/L	① PNEC sewage treatment plant
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	4,168 mg/L	① PNEC sewage treatment plant
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	70.2 mg/kg	① PNEC sediment, freshwater
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	70.2 mg/kg sediment dw	① PNEC sediment, freshwater
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	7.02 mg/kg	① PNEC sediment, marine water
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	7.02 mg/kg sediment dw	① PNEC sediment, marine water
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	190 mg/L	① PNEC air
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	2.74 mg/kg soil dw	① PNEC soil
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	2.74 mg/kg	① PNEC soil, freshwater
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	0.014 mg/L	① PNEC aquatic, freshwater
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	0.001 mg/L	① PNEC aquatic, marine water
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	3.72 mg/L	① PNEC sewage treatment plant
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	2.05 mg/kg sediment dw	① PNEC sediment, freshwater
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	0.205 mg/kg sediment dw	① PNEC sediment, marine water
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	0.426 mg/kg soil dw	① PNEC soil

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.

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Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. EN 136 Respiratory protection necessary at: aerosol or mist formation. Filtering device (full mask or mouthpiece) with filter: P2

Other protection measures:

Do not breathe vapour/aerosol. Avoid contact with eyes and skin. Wear suitable protective clothing and gloves.

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: white

Odour: not determined

flammability: No

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	≈ 7.5 – 8.5	20 °C	① DIN 19268
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	No data available		
Flash point	not applicable		
Evaporation rate	No data available		
Auto-ignition temperature	not applicable		
Upper/lower flammability or explosive limits	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Density	No data available		
Relative density	≈ 1.02	20 °C	① DIN EN ISO 2811-2
Bulk density	not applicable		
Water solubility	completely miscible	20 °C	
Dynamic viscosity	No data available		
Kinematic viscosity	No data available		

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. The product itself does not burn.

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

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10.6. Hazardous decomposition products

Formaldehyde In case of fire: Gases/vapours, toxic

SECTION 11: Toxicological information

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

(2-methoxymethylethoxy)propanol	CAS No.: 34590-94-8	EC No.: 252-104-2
LD₅₀ oral: 5,140 mg/kg (Ratte)		
LD₅₀ dermal: 9,510 mg/kg (Kaninchen)		
triisobutyl phosphate	CAS No.: 126-71-6	EC No.: 204-798-3
LD₅₀ oral: 3,072 mg/kg (Rat)		
LD₅₀ dermal: >5,000 mg/kg (Rabbit)		
LC₅₀ Acute inhalation toxicity (dust/mist): >5.14 mg/L 4 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)		
1,2-benzisothiazol-3(2H)-one	CAS No.: 2634-33-5	EC No.: 220-120-9
ATE (oral)¹: 450 mg/kg		
ATE (inhalation, dust/mist)¹: 0.21 mg/L		
LD₅₀ oral: 490 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)		
LD₅₀ dermal: >2,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity)		
LC₅₀ Acute inhalation toxicity (dust/mist): 0.5 mg/L 4 h (rat) EPA OPPTS 870.1300 (Acute inhalation toxicity)		
KATHON CG	CAS No.: 55965-84-9	
ATE oral: >5,000 mg/kg		
ATE dermal: >3,700 mg/kg		
ATE inhalativ Stäube+Nebel: >5 mg/L		
LD₅₀ oral: 66 mg/kg (rat) EPA OPP 81-1 (Acute Oral Toxicity)		
LD₅₀ dermal: >1,008 mg/kg (rat) EPA OPP 81-2 (Acute Dermal Toxicity)		
LC₅₀ Acute inhalation toxicity (dust/mist): 0.33 mg/L 4 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)		

¹: Acute Toxicity Estimate. Harmonised (legal) classification.

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 1,2-benzisothiazol-3(2H)-one, triisobutyl phosphate, adipohydrazide, 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.

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.

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11.2. Information on other hazards

Endocrine disrupting properties:

This product does not contain any substance that exhibits endocrine properties towards non-target organisms, as no ingredient meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2
LC₅₀: 10,000 mg/L 4 d (fish, Pimephales promelas (fathead minnow))
LC₅₀: >1,000 mg/L 4 d (fish, Poecilia reticulata) OECD Guideline 203 (Fish, Acute Toxicity Test)
LC₅₀: >1,000 mg/L 4 d (crustaceans, Crangon crangon) EPA OPP 72-3 (Estuarine/Marine Fish, Mollusk, or Shrimp Acute Toxicity Test)
EC₅₀: 1,919 mg/L 2 d (Daphnia magna (Big water flea))
EC₅₀: >969 mg/L 3 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC₅₀: 1,930 mg/L 2 d (crustaceans, other aquatic crustacea:) other: ISO TC147/SC5/WG2 "Water Quality, Determination of Acute Lethal Toxicity to Marine Copepods (Copepoda, Crustacea)"
NOEC: 969 mg/L 3 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
NOEC: 1,930 mg/L 4 d (fish, Cyprinodon variegatus) OECD Guideline 203 (Fish, Acute Toxicity Test)
NOEC: 1,000 mg/L 2 d (crustaceans, other aquatic crustacea:) other: ISO TC147/SC5/WG2 "Water Quality, Determination of Acute Lethal Toxicity to Marine Copepods (Copepoda, Crustacea)"
LOEC: 5,000 mg/L 3 d (Algae/water plant, Skeletonema costatum) ISO 10253 (Water quality - Marine Algal Growth Inhibition Test with Skeletonema costatum and Phaeodactylum tricornutum)
LOEC: 2,200 mg/L 2 d (crustaceans, other aquatic crustacea:) other: ISO TC147/SC5/WG2 "Water Quality, Determination of Acute Lethal Toxicity to Marine Copepods (Copepoda, Crustacea)"
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3
LC₅₀: >12.6 mg/L 4 d (fish, Danio rerio (previous name: Brachydanio rerio)) OECD Guideline 203 (Fish, Acute Toxicity Test)
EC₅₀: 14.3 mg/L 3 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Freshwater Alga and Cyanobacteria, Growth Inhibition Test)
EC₅₀: 24 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
NOEC: 1.3 mg/L 21 d (crustaceans, Daphnia magna) other: Federal Environmental Agency 1984 - Provisional Procedure: extended toxicology test with Daphnia magna (determination of NOEC for reproduction rate, mortality and the time of first appearance of offspring; 21d)

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KATHON CG CAS No.: 55965-84-9
LC₅₀ : 0.07 mg/L 14 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>)) OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
LC₅₀ : 0.282 mg/L 4 d (crustaceans, <i>Americamysis bahia</i> (previous name: <i>Mysidopsis bahia</i>)) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)
EC₅₀ : 0.1 mg/L 2 d (<i>Daphnia magna</i> (Big water flea)) OECD 202
EC₅₀ : 0.048 mg/L 3 d (<i>Pseudokirchneriella subcapitata</i>) OECD 201
EC₅₀ : 0.22 mg/L 4 d (<i>Oncorhynchus mykiss</i> (Rainbow trout)) OECD 203
EC₅₀ : 7.92 mg/L (Activated sludge) OECD 209
EC₅₀ : 0.0063 mg/L 3 d (Algae/water plant, <i>Skeletonema costatum</i>) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC₅₀ : 0.099 mg/L 2 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 202 (<i>Daphnia</i> sp. Acute Immobilisation Test)
NOEC : 0.004 mg/L 21 d (<i>Daphnia magna</i> (Big water flea)) OECD 211
NOEC : 0.098 mg/L 28 d (<i>Oncorhynchus mykiss</i> (Rainbow trout)) OECD 210
NOEC : 0.0012 mg/L 3 d (<i>Pseudokirchneriella subcapitata</i>) OECD 201
NOEC : 0.00049 mg/L 2 d (Algae/water plant, <i>Skeletonema costatum</i>) OECD Guideline 201 (Alga, Growth Inhibition Test)
NOEC : ≥ 0.0464 mg/L 35 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)) OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)
NOEC : 0.004 mg/L 21 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 211 (<i>Daphnia magna</i> Reproduction Test)
LOEC : 0.144 mg/L 28 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>)) OECD Guideline 215 (Fish, Juvenile Growth Test)
LOEC : 0.012 mg/L 21 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 211 (<i>Daphnia magna</i> Reproduction Test)

12.2. Persistence and degradability

KATHON CG CAS No.: 55965-84-9
Biodegradation : Yes, rapidly

12.3. Bioaccumulative potential

(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2
Log K_{OW} : 0.001
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3
Log K_{OW} : 3.72
Bioconcentration factor (BCF) : 35 Species: other: <i>Oryzias latipes</i> and <i>Carassius auratus</i>
KATHON CG CAS No.: 55965-84-9
Log K_{OW} : 0.75
Bioconcentration factor (BCF) : 3.6

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2
Results of PBT and vPvB assessment : —
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3
Results of PBT and vPvB assessment : —
KATHON CG CAS No.: 55965-84-9
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

The mixture does not contain substances $\geq 0.1\%$ of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

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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)
14.1. UN number or ID number			
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.
14.2. UN proper shipping name			
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.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
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

Synthetic polymer microparticles (as per entry 78 in Annex XVII of Regulation (EC) No. 1907/2006)

No synthetic microparticles are present.

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

Information on Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC Directive): VOC value: 51g/L

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VOC EU limit (2004/42 / EC) (Cat IIA /i): 140 g/L, VOC value 51g/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 - slightly hazardous to water

Technische Regeln für Gefahrstoffe

TRGS 200, TRGS 401, TRGS 510, TRGS 900, TRGS 905

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

16.3. Key literature references and sources for data

Substance name	Type	source of supply
triisobutyl phosphate CAS No.: 126-71-6 EC No.: 204-798-3	LC ₅₀ Acute inhalation toxicity (dust/mist); LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/
1,2-benzisothiazol-3(2H)-one CAS No.: 2634-33-5 EC No.: 220-120-9	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ Acute inhalation toxicity (dust/mist)	Source: European Chemicals Agency, http://echa.europa.eu/
KATHON CG CAS No.: 55965-84-9	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ Acute inhalation toxicity (dust/mist); LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/

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

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.

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Hazard statements	
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Supplemental hazard information	
EUH071	Corrosive to the respiratory tract.

16.6. Training advice

No data available

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.