

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
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Page 1/13

OBTEGO C-200

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

1.1. Product identifier

Trade name/designation:

OBTEGO C-200

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

Use of the substance/mixture:

Cleaning 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

Email: sdb@obtego.com

Website: www.obtego.com

Email (competent person): sdb@obtego.com

1.4. Emergency telephone number

Giftnotruf, München, 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

Precautionary statements

P102 Keep out of reach of children.

Precautionary statements Prevention

P264 Wash hands thoroughly after handling.

P280 Wear eye protection/face protection.

Precautionary statements Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

Adverse human health effects and symptoms:

The substance/mixture does not contain components that are endocrine disruptors according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

Adverse environmental effects:

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Additional information:

less than 5 %,non-ionic surfactants

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 2/13

OBTEGO C-200

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5 REACH No.: 01-2119457610-43-XXXX	ethanol Flam. Liq. 2 (H225)  Danger	3 - ≤ 6 weight-%
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) > 5,000 mg/kg ATE (dermal) 9,510 mg/kg	1 - ≤ 3 weight-%
CAS No.: 68154-99-4	Modified polyethoxylated alcohol Acute Tox. 4 (H312), Eye Dam. 1 (H318), Skin Irrit. 2 (H315)   Danger	0 - ≤ 0.1 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.

After eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion:

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. 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 (NO_x), Carbon dioxide (CO₂), Carbon monoxide In case of fire: Gases/vapours, toxic

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.

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 3/13

OBTEGO C-200

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.

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

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 4/13

OBTEGO C-200

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:

Basic cleaner, unlabeled, contains solvents

GISCODE:

GG20

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
TRGS 900 (DE) from 29 Mar 2019	ethanol CAS No.: 64-17-5 EC No.: 200-578-6	① 200 ppm (380 mg/m ³) ② 800 ppm (1,520 mg/m ³) ⑤ DFG, Y
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
DFG (DE) from 1 Jul 2024	KATHON CG CAS No.: 55965-84-9	① 0.2 mg/m ³ ⑤ (eintembare 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
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	950 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	114 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	1,900 mg/m ³	① DNEL worker ② Acute - inhalation, local effects
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	950 mg/m ³	① DNEL Consumer ② Acute - inhalation, local effects
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	343 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	206 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 5/13

OBTEGO C-200

Substance name	DNEL value	① DNEL type ② Exposure route ③ Exposure time
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	87 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	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 ③ 8 h
(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	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	36 mg/kg bw/ day	① DNEL Consumer ② Long-term - oral, systemic effects ③ 8 h
KATHON CG CAS No.: 55965-84-9	0.02 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects ③ 8 h
KATHON CG CAS No.: 55965-84-9	0.02 mg/m ³	① DNEL Consumer ② Long-term - inhalation, local effects ③ 8 h
KATHON CG CAS No.: 55965-84-9	0.04 mg/m ³	① DNEL worker ② Acute - inhalation, local effects ③ 0.25 h
KATHON CG CAS No.: 55965-84-9	0.04 mg/m ³	① DNEL Consumer ② Acute - inhalation, local effects ③ 0.25 h
KATHON CG CAS No.: 55965-84-9	0.09 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects ③ 8 h
KATHON CG CAS No.: 55965-84-9	0.11 mg/kg bw/day	① DNEL Consumer ② Acute - oral, systemic effects ③ 0.25 h

Substance name	PNEC Value	① PNEC type
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.96 mg/L	① PNEC aquatic, freshwater
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.79 mg/L	① PNEC aquatic, marine water
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	580 mg/L	① PNEC sewage treatment plant

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 6/13

OBTEGO C-200

Substance name	PNEC Value	① PNEC type
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	3.6 mg/kg	① PNEC sediment, freshwater
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	2.9 mg/kg	① PNEC sediment, marine water
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	2.75 mg/L	① PNEC air
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.72 mg/kg	① PNEC secondary poisoning
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.63 mg/kg	① PNEC soil, 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	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 sediment dw	① PNEC sediment, freshwater
(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	2.74 mg/kg soil dw	① PNEC soil
KATHON CG CAS No.: 55965-84-9	3.39 µg/L	① PNEC aquatic, freshwater
KATHON CG CAS No.: 55965-84-9	3.39 µg/L	① PNEC aquatic, marine water
KATHON CG CAS No.: 55965-84-9	0.23 mg/L	① PNEC sewage treatment plant
KATHON CG CAS No.: 55965-84-9	0.027 mg/kg sediment dw	① PNEC sediment, freshwater
KATHON CG CAS No.: 55965-84-9	0.027 mg/kg sediment dw	① PNEC sediment, marine water
KATHON CG CAS No.: 55965-84-9	0.01 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 ISO 16321-1

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.

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 7/13

OBTEGO C-200

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. DIN EN 136. 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

Form: Liquid

Colour: whitish

Odour: not determined

flammability: No

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	≈ 9.4	20 °C	
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	≈ 0.98 g/cm ³	20 °C	
Bulk density	not applicable		
Water solubility	No data available		
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

No data available

10.6. Hazardous decomposition products

No known hazardous decomposition products. In case of fire: Gases/vapours, toxic

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 8/13

OBTEGO C-200

SECTION 11: Toxicological information

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

ethanol	CAS No.: 64-17-5	EC No.: 200-578-6
LD₅₀ oral: >2,000 mg/kg (Rat) OECD 401		
LD₅₀ dermal: >2,000 mg/kg (Rabbit) OECD 402		
LC₅₀ Acute inhalation toxicity (vapour): >20 mg/L (Rat)		
(2-methoxymethylethoxy)propanol	CAS No.: 34590-94-8	EC No.: 252-104-2
LD₅₀ oral: >5,000 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)		
LD₅₀ dermal: 9,510 mg/kg (rabbit) OECD Guideline 402 (Acute Dermal Toxicity)		
Modified polyethoxylated alcohol	CAS No.: 68154-99-4	
LD₅₀ oral: 2.414 mg/kg (Rat (male))		
LD₅₀ dermal: 2,000 mg/kg (Rabbit)		
LC₅₀ Acute inhalation toxicity (vapour): >7.1 mg/L (Rat)		
KATHON CG	CAS No.: 55965-84-9	
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)		

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:

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.

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.

11.2. Information on other hazards

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.

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

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Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 9/13

OBTEGO C-200

SECTION 12: Ecological information

12.1. Toxicity

ethanol CAS No.: 64-17-5 EC No.: 200-578-6
LC₅₀: 15,300 mg/L 4 d (fish, <i>Pimephales promelas</i> (fathead minnow))
LC₅₀: 11,200 mg/L (fish, <i>Salmo gairdneri</i>)
LC₅₀: 5,012 mg/L 2 d (<i>Ceriodaphnia dubia</i>)
LC₅₀: >100 mg/L 4 d (fish, <i>Pimephales promelas</i>)
LC₅₀: 3.63 mg/L 12 d (crustaceans, <i>Palaemonetes pugio</i>)
EC₅₀: 858 mg/L (<i>Artemia salina</i>) OECD 202
EC₅₀: >10,000 mg/L 2 d (<i>Daphnia magna</i> (Big water flea))
EC₅₀: 275 mg/L 3 d (Algae/water plant, <i>Chlorella vulgaris</i>) OECD 201
EC₅₀: 5,800 mg/L (<i>Paramecium caudatum</i>)
EC₅₀: 275 mg/L 3 d (Algae/water plant, <i>Chlorella vulgaris</i>) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC₅₀: 9,164 mg/L 200 h (fish, <i>Oryzias latipes</i>)
EC₅₀: 695 mg/L 1 d (crustaceans, <i>Artemia salina</i>)
NOEC: 280 mg/L 7 d (Algae/water plant, <i>Lemna gibba</i>) EPA OTS 797.1160 (Aquatic Plant Toxicity Test using <i>Lemna</i> spp. Tiers I & II))
NOEC: >79 mg/L 100 d (fish, <i>Oryzias latipes</i>)
NOEC: 2 mg/L 10 d (crustaceans, <i>Ceriodaphnia dubia</i>)
LOEC: 3,950 mg/L 4 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)) OECD Guideline 236 (Fish embryo acute toxicity (FET) test)
LOEC: 19.8 mg/L 56 d (crustaceans, other aquatic mollusc:)
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2
LC₅₀: >1,000 mg/L 4 d (fish, <i>Poecilia reticulata</i>) OECD Guideline 203 (Fish, Acute Toxicity Test)
LC₅₀: >1,000 mg/L 4 d (crustaceans, <i>Crangon crangon</i>) EPA OPP 72-3 (Estuarine/Marine Fish, Mollusk, or Shrimp Acute Toxicity Test)
EC₅₀: >969 mg/L 3 d (Algae/water plant, <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i>)) 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, <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i>)) OECD Guideline 201 (Alga, Growth Inhibition Test)
NOEC: 1,930 mg/L 4 d (fish, <i>Cyprinodon variegatus</i>) 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, <i>Skeletonema costatum</i>) ISO 10253 (Water quality - Marine Algal Growth Inhibition Test with <i>Skeletonema costatum</i> and <i>Phaeodactylum tricornutum</i>)
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)"
Modified polyethoxylated alcohol CAS No.: 68154-99-4
EC₅₀: 6.3 mg/L 2 d (<i>Daphnia magna</i> (Big water flea))

SAFETY DATA SHEET

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Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 10/13

OBTEGO C-200

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 : 0.0063 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 : 0.00049 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

ethanol CAS No.: 64-17-5 EC No.: 200-578-6
Biodegradation : Yes, rapidly
Modified polyethoxylated alcohol CAS No.: 68154-99-4
Biodegradation : Yes, rapidly
KATHON CG CAS No.: 55965-84-9
Biodegradation : Yes, rapidly

12.3. Bioaccumulative potential

ethanol CAS No.: 64-17-5 EC No.: 200-578-6
Log K_{OW} : -0.3
Bioconcentration factor (BCF) : 0.66
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2
Log K_{OW} : 0.001
Modified polyethoxylated alcohol CAS No.: 68154-99-4
Log K_{OW} : 3.46
Bioconcentration factor (BCF) : 90
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

ethanol CAS No.: 64-17-5 EC No.: 200-578-6
Results of PBT and vPvB assessment : This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2
Results of PBT and vPvB assessment : —
Modified polyethoxylated alcohol CAS No.: 68154-99-4
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.

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

Revised on: 3 Sept 2026

Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 11/13

OBTEGO C-200

12.6. Endocrine disrupting properties

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

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

20 01 30	detergents other than those mentioned in 20 01 29
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Waste code packaging

20 03 99	municipal wastes not otherwise specified
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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.

13.2. Additional information

Container is made of environmentally friendly polyethylene (PE) and is recyclable. Rinsed containers can be disposed of via the recycling system.

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

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

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Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 12/13

OBTEGO C-200

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.

Detergents Regulation (EU) 2026/405

This product is subject to the Detergents Regulation (EU) 2026/405 of the European Parliament and of the Council. The product contains:

non-ionic surfactants: less than 5 %

Preservatives

Other regulations (EU):

2008/98/EC, 2001/118/EC, 1999/13/EC, 2004/42/EC, (EU) 2015/830, 75/324/EEC, 2008/47/EC, Occupational accident insurance, 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:: 68 g/L

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. BlmschV)

Remark:

Not subject to StörfallVO.

Technische Anleitung zur Reinhaltung der Luft (TA-Luft)

Remark:

Total dust emission value may not be exceeded (see number 5.2.1).

Water hazard class

WGK:

1 - slightly hazardous to water

Description:

Classification according to VwVwS, Annex 3.

Technische Regeln für Gefahrstoffe

Technical Rules for Hazardous Substances TRGS 200, TRGS 401, TRGS 510, TRGS 900, TRGS 905

Berufsgenossenschaftliche Vorschriften (DGUV-Vorschriften)

Berufsgenossenschaftliche Informationen (DGUV-Informationen): BGI 595, BGI 564

Other regulations, restrictions and prohibition regulations

Ordinance on Hazardous Substances (GefStoffV, Clean Water Act (CWA) (WHG), Detergents and Cleaning Products Act (WRMG)

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

SAFETY DATA SHEET

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

Date of creation: 24 Apr 2025

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Version: 4.2, replaces version 4.1

OBTEGO
NOT JUST SURFACE

Page 13/13

OBTEGO C-200

16.3. Key literature references and sources for data

Substance name	Type	source of supply
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	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/
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	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	
H225	Highly flammable liquid and vapour.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.

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.