



## Safety data sheet according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

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

- **Product identifier**
- **Trade name:** Consepsis™ Scrub
- **Article number:** SDS 403-001.03R01, 10969, 14493, 689
- **Relevant identified uses of the substance or mixture and uses advised against**  
Professional Dental Chlorhexidine Gluconate Slurry
- **Application of the substance / the mixture** Professional Dental Chlorhexidine Gluconate Slurry
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Ultradent Products Inc.  
505 W. Ultradent Drive (10200 S)  
South Jordan, UT 84095-3942  
USA  
onlineordersupport@ultradent.com  
(800) 552-5512
- **EC Responsible Person**  
Ultradent Products GmbH  
Am Westhover Berg 30  
51149 Cologne Germany  
Email: infoDE@ultradent.com  
Office Phone: +49(0)2203-35-92-0
- **Further information obtainable from:** Customer Service
- **Emergency telephone number:**  
CHEMTREC (NORTH AMERICA) : +1 (800) 424-9300  
(INTERNATIONAL) : +(703) 527-3887

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Flam. Liq. 3 H226 Flammable liquid and vapour.



Skin Irrit. 2 H315 Causes skin irritation.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** GHS02, GHS07
- **Signal word** Warning
- **Hazard statements**  
H226 Flammable liquid and vapour.  
H315 Causes skin irritation.

(Contd. on page 2)

# Safety data sheet according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

**Trade name: Consepsis™ Scrub**

(Contd. of page 1)

**· Precautionary statements**

- P101 *If medical advice is needed, have product container or label at hand.*
- P102 *Keep out of reach of children.*
- P103 *Read carefully and follow all instructions.*
- P210 *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
- P241 *Use explosion-proof [electrical/ventilating/lighting] equipment.*
- P280 *Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.*
- P303+P361+P353 *IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].*
- P403+P235 *Store in a well-ventilated place. Keep cool.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

### 3 Composition/information on ingredients

**· Mixtures****· Description:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

CAS: 14808-60-7 EINECS: 238-878-4	Silica Glass ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315	≥10-<60%
CAS: 64-17-5 EINECS: 200-578-6	Ethyl Alcohol ⚠ Flam. Liq. 2, H225	≥0-≤10%
	Dimethicone ⚠ Repr. 2, H361f; STOT RE 2, H373	≥1-<3%
CAS: 8006-90-4 EINECS: 282-015-4	Oils, Peppermint ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	≥0.1-<0.25%

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

### 4 First aid measures

**· Description of first aid measures**

- General information:** Immediately remove any clothing soiled by the product.
- After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- After eye contact:** Rinse opened eye for several minutes under running water.
- After swallowing:** If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed** No further relevant information available.
- Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

**· Extinguishing media****· Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**· For safety reasons unsuitable extinguishing agents:** Water with full jet**· Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 3)

# Safety data sheet according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

**Trade name: Consepsis™ Scrub**

(Contd. of page 2)

- **Advice for firefighters:**
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
See product labelling.  
Keep container tightly sealed.
- **Specific end use(s)** Professional Dental Chlorhexidine Gluconate Slurry

## 8 Exposure controls/personal protection

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**64-17-5 Ethyl Alcohol**

WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the skin.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.

(Contd. on page 4)

## Safety data sheet according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

Trade name: **Consepsis™ Scrub**

(Contd. of page 3)

### · Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

### · Material of gloves

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### · Penetration time of glove material

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

### · Eye/face protection



Tightly sealed goggles

· **Body protection:** Protective work clothing

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

· Physical state	Fluid
· Colour:	Green
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	Undetermined.
· Flammability	Flammable.
· Lower and upper explosion limit	
· Lower:	3.5 Vol %
· Upper:	15 Vol %
· Flash point:	34 °C
· Auto-ignition temperature:	363 °C
· Decomposition temperature:	Not determined.
· pH at 20 °C	5-7
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	1.57 g/cm <sup>3</sup>
· Relative density	Not determined.

(Contd. on page 5)

GB

## Safety data sheet according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

Trade name: **Consepsis™ Scrub**

(Contd. of page 4)

· <b>Vapour density</b>	<i>Not determined.</i>
· <b>Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	<i>Paste</i>
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	<i>Product is not selfigniting.</i>
· <b>Explosive properties:</b>	<i>Product is not explosive. However, formation of explosive air/vapour mixtures are possible.</i>
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	<i>Not determined.</i>
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	<i>Void</i>
· <b>Flammable gases</b>	<i>Void</i>
· <b>Aerosols</b>	<i>Void</i>
· <b>Oxidising gases</b>	<i>Void</i>
· <b>Gases under pressure</b>	<i>Void</i>
· <b>Flammable liquids</b>	<i>Flammable liquid and vapour.</i>
· <b>Flammable solids</b>	<i>Void</i>
· <b>Self-reactive substances and mixtures</b>	<i>Void</i>
· <b>Pyrophoric liquids</b>	<i>Void</i>
· <b>Pyrophoric solids</b>	<i>Void</i>
· <b>Self-heating substances and mixtures</b>	<i>Void</i>
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	<i>Void</i>
· <b>Oxidising liquids</b>	<i>Void</i>
· <b>Oxidising solids</b>	<i>Void</i>
· <b>Organic peroxides</b>	<i>Void</i>
· <b>Corrosive to metals</b>	<i>Void</i>
· <b>Desensitised explosives</b>	<i>Void</i>

### 10 Stability and reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions:** *No dangerous reactions known.*
- **Conditions to avoid:**
  - Ignition sources*
  - Flames*
  - Heat*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:**
  - Hydrogen chloride (HCl)*
  - Oxides of Carbon*
  - Nitrogen oxides*
  - Ammonia*

GB

(Contd. on page 6)

# Safety data sheet according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

Trade name: **Consepsis™ Scrub**

(Contd. of page 5)

## 11 Toxicological information

- **Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

<b>ATE (Acute Toxicity Estimates)</b>		
Inhalative	LC50/4 h	2.97 mg/l

<b>64-17-5 Ethyl Alcohol</b>		
Oral	LD50	5,600 mg/kg (guinea pig)
		3,400 mg/kg (mouse)
		7,060 mg/kg (rat)
	LC50 Fish	>10,000 mg/l (Fish)
Inhalative	LC50/4 h	39 mg/l (mouse)
		20,000 mg/l (rat)

<b>8006-90-4 Oils, Peppermint</b>		
Oral	LD50	2,490 mg/kg (mouse)
		2,426 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Information on other hazards**

<b>· Endocrine disrupting properties</b>		
None of the ingredients is listed.		

## 12 Ecological information

- **Toxicity**

<b>· Aquatic toxicity:</b>		
<b>64-17-5 Ethyl Alcohol</b>		
Algae Toxicity	1,000 mg/l	(Algae)

- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**

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

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

GB

(Contd. on page 7)

# Safety data sheet

## according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025


Trade name: **Consepsis™ Scrub**

(Contd. of page 6)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Disposal should be in accordance with applicable regional, national and local laws and regulations.  
Dispose of contents/container in accordance with international, federal, state, and local regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN number or ID number</b> · <b>ADR, IMDG, IATA</b>	UNI987
· <b>UN proper shipping name</b> · <b>ADR</b> · <b>IMDG, IATA</b>	1987 ALCOHOLS, N.O.S. (Ethyl Alcohol) ALCOHOLS, N.O.S. (Ethyl Alcohol)
· <b>Transport hazard class(es)</b> · <b>ADR, IMDG, IATA</b>	
	
· <b>Class</b> · <b>Label</b>	3 Flammable liquids. 3
· <b>Packing group</b> · <b>ADR, IMDG, IATA</b>	III
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b> · <b>Hazard identification number (Kemler code):</b> · <b>EMS Number:</b> · <b>Stowage Category</b>	Warning: Flammable liquids. 36 F-E,S-D A
· <b>Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>Transport category</b> · <b>Tunnel restriction code</b>	3 D/E
· <b>IMDG</b> · <b>Limited quantities (LQ)</b>	5L

(Contd. on page 8)

GB

# Safety data sheet

## according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

Trade name: **Consepsis™ Scrub**

(Contd. of page 7)

- |                                   |   |
|-----------------------------------|---|
| <b>· Excepted quantities (EQ)</b> | <i>Code: E1</i><br><i>Maximum net quantity per inner packaging: 30 ml</i><br><i>Maximum net quantity per outer packaging: 1000 ml</i> |
| <b>· UN "Model Regulation":</b>   | <i>UN 1987 ALCOHOLS, N.O.S. (ETHYL ALCOHOL), 3, III</i>   |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

<i>14808-60-7</i>	<i>Silica Glass</i>
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- **Poisons Act**

- **Regulated explosives precursors**

<i>None of the ingredients is listed.</i>
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- **Regulated poisons**

<i>None of the ingredients is listed.</i>
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- **Reportable explosives precursors**

<i>None of the ingredients is listed.</i>
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- **Reportable poisons**

<i>None of the ingredients is listed.</i>
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- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

- **Seveso category P5c** **FLAMMABLE LIQUIDS**

- **Qualifying quantity (tonnes) for the application of lower-tier requirements** *5,000 t*

- **Qualifying quantity (tonnes) for the application of upper-tier requirements** *50,000 t*

- **Chemical safety assessment:**

*Device is biocompatible when used as directed by dental professionals per ISO 10993-1*

### 16 Other information

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

- **Relevant phrases from Section 3**

*H225 Highly flammable liquid and vapour.*

*H304 May be fatal if swallowed and enters airways.*

*H315 Causes skin irritation.*

*H317 May cause an allergic skin reaction.*

*H319 Causes serious eye irritation.*

*H332 Harmful if inhaled.*

*H361f Suspected of damaging fertility.*

*H373 May cause damage to organs through prolonged or repeated exposure.*

*H411 Toxic to aquatic life with long lasting effects.*

- **Department issuing SDS:** *Environmental, Health, and Safety*

- **Contact:** *Customer Service*

- **Abbreviations and acronyms:**

*ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

(Contd. on page 9)



# Safety data sheet

## according to UK REACH

Printing date 23.07.2025

Version number 1

Revision: 23.07.2025

**Trade name: Consepsis™ Scrub**

(Contd. of page 8)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Repr. 2: Reproductive toxicity – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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

GB