Consepsis®, Consepsis® V & Consepsis® Scrub

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

1.1. Product identifier

Product code : CB/10969, CR/10796, CS/10772
Product name : Consepsis®, Consepsis® V & Consepsis® Scrub
Product description : 2% Chlorhexidine Gluconate Solution

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

Relevant identified uses : Professional Dental Antibacterial Solution

1.3. Details of the supplier of the safety data sheet

Manufacturer
Ultradent Products, Inc.
505 W. 10200 S.
South Jordan, UT 84095

Distributor
Ultradent Products GmbH
Am Westhover Berg 30
51149 Cologne Germany
Email: infoDE@ultradent.com
Emergency Phone : +49(0)2203-35-92-0

1.4. Emergency telephone number

CHEMTREC (NORTH AMERICA) :(800) 424 - 9300
(INTERNATIONAL) :+1(703) 527 - 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC
: The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Danger symbols : Xi,F
R phrases : R11,R36/38

Classification according to Regulation(EC) No 1272/2008 [CLP]
Health : Eye Damage, Category 1
Environmental : Flammable Liquids, Category 2
Acute Hazards to the Aquatic Environment, Category 1

2.2. Label elements

Classification according to Directive 1999/45/EC

Hazard pictogram(s) : Xi F

R&S statement(s) : R11: Highly flammable.
Consepsis®, Consepsis® V & Consepsis® Scrub

R36/38: Irritating to eyes and skin.

Classification according to Regulation(EC) No 1272/2008 [CLP]

Hazard pictogram(s): Environment, Corrosive, Flame

Signal Word: DANGER

Hazard statement(s): H225: Highly flammable liquid and vapour.
H400: Very toxic to aquatic life.
H319: Causes serious eye irritation.

Precautionary statement(s)


Response: P305: IF IN EYES:
P351: Rinse cautiously with water for several minutes.
P315: Get immediate medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P301: IF SWALLOWED:
P331: Do NOT induce vomiting.

Storage: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.


2.3. Other hazards

Immediate concerns: Flammable

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures
## Consepis®, Consepis® V & Consepis® Scrub

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>EINECS No.</th>
<th>Wt.%</th>
<th>Classification according to Directive 67/548/EEC</th>
<th>Classification according to Regulation(EC) No 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>&lt; 20</td>
<td>F+; R11</td>
<td>Flam. Liq.,Cat. 2; H225; EUH 210</td>
</tr>
<tr>
<td>Chlorhexidine Gluconate</td>
<td>18472-51-0</td>
<td>242-354-0</td>
<td>&lt; 5</td>
<td>Xi; R36/38</td>
<td>EYE DMG.,Cat. 1; Aquatic Tox.,Acute, Cat. 1; H318; H400</td>
</tr>
</tbody>
</table>

For full text of H-statements and R-phrases: see SECTION 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Following eyes**

- Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**Following skin**

- Wash with soap and water.

**Following ingestion**

- Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.

**Following inhalation**

- No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

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

**Eyes**

- Causes severe eye irritation.

**Skin**

- May cause skin irritation.

**Ingestion**

- May be harmful if swallowed in large quantities.

**Inhalation**

- None expected for this product.

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

**Notes to physician**

- Irritating to eyes.

### SECTION 5: Fire fighting measures

#### 5.1. Extinguishing media

**Extinguishing media**

- Please see Fire Fighting Equipment under Section 5.3.

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

**Hazardous combustion products**

- Ammonia, hydrogen chloride, oxides of carbon and nitrogen

#### 5.3. Advice for firefighters
Consepsis®, Consepsis® V & Consepsis® Scrub

Fire fighting procedures: General: Evacuate all personnel; use protective equipment for firefighting. Use self-contained breathing apparatus when the product is involved in fire.

Fire fighting equipment: Foam, dry chemical, carbon dioxide (CO₂).

SECTIN 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General procedures: Refer to Section 8 for Personal Protective Equipment.

6.2. Environmental precautions
Water spill: Do not allow to enter sewers or drains that may lead to waterways.

6.3. Methods and material for containment and cleaning up
Small spill: Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

Large spill: Absorb with inert, damp non-combustible material, then flush area with water.

6.4. Reference to other sections
Reference to other sections: Not Applicable

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Handling: Use suitable protective equipment.
Storage: See product labeling.

7.2. Conditions for safe storage, including any incompatibilities
Shelf life: See product labeling.

7.3. Specific end use(s)
Specific end use(s): Professional Dental Antibacterial Solution

SECTION 8: Exposure controls / personal protection

8.1. Control parameters
Control parameters: Not Determined

8.2. Exposure controls
Eye/face protection: Wear eye protection
Skin protection: Wash thoroughly after handling.
Respiratory protection: Good general ventilation should be sufficient to control airborne levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Consepsis®, Consepsis® V & Consepsis® Scrub

Physical state : Consepsis Scrub-very viscous paste, Consepsis V-medium viscosity liquid, Consepsis-low viscosity liquid

Colour : Green

Odour : Mint

9.2. Other information

Percent volatile : Not Determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Stable

10.2. Chemical stability

Chemical stability : Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization : None

10.4. Conditions to avoid

Conditions to avoid : Heat, flames, ignition sources, direct light.

10.5. Incompatible materials

Incompatible materials : Not Determined

10.6. Hazardous decomposition products

Hazardous decomposition products : Ammonia, hydrogen chloride, oxides of carbon and nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Notes : Device is biocompatible when used as directed by dental professionals per ISO 10993-1.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity : Not Determined

Aquatic toxicity (acute) : Do not allow to enter sewers or drains that may lead to waterways.

96-hour LC_{50} : Not Determined

48-hour EC_{50} : Not Determined

96-hour EC_{90} : Not Determined

12.2. Persistence and degradability

Persistence and degradability : Not Determined

12.3. Bioaccumulative potential
Consepsis®, Consepsis® V & Consepsis® Scrub

Bioaccumulative potential: Not Determined

12.4. Mobility in soil
Mobility in soil: Not Determined

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment: Not Determined

12.6. Other adverse effects
Environmental data: Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.1. UN number
UN number: 1987

14.2. UN proper shipping name
UN proper shipping name: Alcohols, n.o.s. (Ethyl alcohol mixture)

14.3. Transport hazard class(es)
Primary hazard class/division: 3
Hazard classification: 3

14.4. Packing group
Packing group: III

14.5. Environmental hazards
Marine pollutant #1: N/A

14.6. Special precautions for user
ADR - road: N/A
RID - rail: N/A
IMDG - sea: N/A
IATA - air: N/A

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Transport in bulk: N/A

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
RoHS: Please refer to Medical Devices Directive 93/42/EEC

15.2. Chemical safety assessment
**SAFETY DATA SHEET**

according to Regulation (EC) No. 453/2010

**Dental Use**

---

**Consepsis®, Consepsis® V & Consepsis® Scrub**

**Chemical safety assessment**

: See Section 11

---

**SECTION 16: Other information**

**Relevant R-phrases and/or H-statements (number and full text)**

<table>
<thead>
<tr>
<th>R11: Highly flammable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R36/38: Irritating to eyes and skin.</td>
</tr>
<tr>
<td>Aquatic Tox., Acute, Cat. 1: Aquatic Toxicity, Acute, Category 1</td>
</tr>
<tr>
<td>EYE DMG., Cat. 1: Eye Damage, Category 1</td>
</tr>
<tr>
<td>Flam. Liq., Cat. 2: Flammable Liquids, Category 2</td>
</tr>
<tr>
<td>EUH 210: Safety data sheet available on request.</td>
</tr>
<tr>
<td>H225: Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>H318: Causes serious eye damage.</td>
</tr>
<tr>
<td>H400: Very toxic to aquatic life.</td>
</tr>
</tbody>
</table>

**Prepared by**

: Anu Kattoju

**Revision summary**

: This SDS replaces the 05/19/2015 SDS. Revised: **Section 1:** Section 2: . **Section 4:** NOTES TO PHYSICIAN, SIGNS AND SYMPTOMS OF OVEREXPOSURE - EYES. **Section 5:** EXPLOSION HAZARDS, FIRE EXPLOSION, HAZARDOUS COMBUSTION PRODUCTS, SENSITIVE TO STATIC DISCHARGE, SENSITIVITY TO IMPACT. **Section 6:** WATER SPILL. **Section 10:** CONDITIONS TO AVOID. **Section 12:** ENVIRONMENTAL DATA, AQUATIC TOXICITY (ACUTE).

**General statements**

: N/A= Not Applicable

**Manufacturer disclaimer**

: FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.