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

1.1. Product identifier
UC30 BioSonic General Purpose Ultrasonic Cleaning Solution

Further trade names
Cat. No. UC30
48022

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
for dental use only

1.3. Details of the supplier of the safety data sheet
Manufacturer
Company name: COLTENE/Whaledent Inc.
Street: 235 Ascot Parkway
Place: Cuyahoga Falls, OH 44223/USA
Telephone: +1 (330) 916 8800
Telefax: +1 (330) 916 7077
e-mail: info.us@coltene.com
Internet: www.coltene.com

Authorized Representative
Company name: COLTENE/Whaledent GmbH & Co. KG
Street: Raiffeisenstraße 30
Place: D-89129 Langenau
Telephone: +49 (7345) 805 0
Telefax: +49 (7345) 805 201
e-mail: info.de@coltene.com
Internet: www.coltene.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Regulation (EC) No. 1272/2008
Hazard categories:
Serious eye damage/eye irritation: Eye Dam. 1
Hazard Statements:
Causes serious eye damage.

This product is not required to be classified as a Reproductive Toxicant when sold within the European Union. The borax concentration is below classification thresholds according the Regulation (EC) No 1272/2008. The classification H360FD applies for markets where national law has not established a cutoff limit for Borax.

2.2. Label elements
Regulation (EC) No. 1272/2008
Hazard components for labelling
Alkyl Polyglycosides

Signal word: Danger
Pictograms:
Hazard statements
H318 Causes serious eye damage.

Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a doctor.
P405 Store locked up.

Special labelling of certain mixtures
EUH208 Contains Diazolidinyl urea. May produce an allergic reaction.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>68515-73-1</td>
<td>Alkyl Polyglycosides</td>
<td>5 - &lt; 10 %</td>
</tr>
<tr>
<td></td>
<td>[EC No 500-220-1]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td></td>
</tr>
<tr>
<td>12179-04-3</td>
<td>disodium tetraborate pentahydrate; borax pentahydrate</td>
<td>&lt; 1 %</td>
</tr>
<tr>
<td></td>
<td>[EC No 215-540-4]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td></td>
</tr>
<tr>
<td>78491-02-8</td>
<td>Diazolidinyl urea</td>
<td>&lt; 1 %</td>
</tr>
<tr>
<td></td>
<td>[EC No 278-928-2]</td>
<td></td>
</tr>
</tbody>
</table>

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
Provide fresh air.
In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin
After contact with skin, wash immediately with: Water and soap.
In case of skin irritation, seek medical treatment.

After contact with eyes
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion
Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Additional information
Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
See protective measures under point 7 and 8.

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated areas thoroughly.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
Avoid contact with skin and eyes.
for professional use only Keep out of the reach of children.

Advice on protection against fire and explosion
Keep away from sources of ignition - No smoking.

Further information on handling
Always close containers tightly after the removal of product.

7.2. Conditions for safe storage, including any incompatibilities
Further information on storage conditions
Recommended storage temperature: > 0 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls
Protective and hygiene measures
When using do not eat, drink or smoke.

Eye/face protection
Framed glasses.

Hand protection
Wear suitable gloves.

Skin protection
Lab apron.

Respiratory protection
Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: liquid
Colour: transparent blue
Odour: characteristic

Test method
pH-Value: 7-9

Changes in the physical state
100 °C
Initial boiling point and boiling range:
70 °C
Flash point:
no Data
Vapour pressure:
1.07 g/cm³
Density (at 25 °C):
easily soluble.
Water solubility:
50 mPa·s
Viscosity / dynamic:

SECTION 10: Stability and reactivity

10.2. Chemical stability

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

10.4. Conditions to avoid

heat.

10.5. Incompatible materials

Oxidizing agents.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Irritation and corrosivity
Causes serious eye damage.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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

Carcinogenic/mutagenic/toxic effects for reproduction
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.

Additional information on tests

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SECTION 12: Ecological information

Further information
According to the criteria of the EC-classification and labelling "dangerous for the environment" (93/21/EEC) the material/product is not to be classified as dangerous to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Dispose of waste according to applicable legislation.

SECTION 14: Transport information
Land transport (ADR/RID)

14.1. UN number: ---

Marine transport (IMDG)

14.1. UN number: ---

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: ---

Other applicable information

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Authorisations (REACH, annex XIV):
Substances of very high concern, SVHC (REACH, article 59):
disodium tetraborate pentahydrate; borax pentahydrate

Restrictions on use (REACH, annex XVII):
Entry 30: disodium tetraborate pentahydrate; borax pentahydrate

Additional information
Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

National regulatory information

Additional information
Canada WHMIS: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H360FD May damage fertility. May damage the unborn child.
H402 Harmful to aquatic life.
EUH208 Contains Diazolidinyl urea. May produce an allergic reaction.

Further 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 data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)