

according to Regulation (EC) No 1907/2006

**UC34 BioSonic Plaster and Stone Remover Powder Concentrate**

Revision date: 13.05.2016

Print date: 21.03.2017

Page 1 of 5

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

UC34 BioSonic Plaster and Stone Remover Powder Concentrate

**Further trade names**Cat. No. UC34  
48024**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

for dental use only

Materials to avoid: Aluminium

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name: Coltène/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: Coltène/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:

Acute toxicity: Acute Tox. 4

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Harmful if swallowed.

Causes serious eye damage.

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

tetrasodium ethylene diamine tetraacetate

**Signal word:** Danger**Pictograms:**

according to Regulation (EC) No 1907/2006

**UC34 BioSonic Plaster and Stone Remover Powder Concentrate**

Revision date: 13.05.2016

Print date: 21.03.2017

Page 2 of 5

**Hazard statements**

- H302 Harmful if swallowed.  
H318 Causes serious eye damage.

**Precautionary statements**

- P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P330 Rinse mouth.  
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.  
P102 Keep out of reach of children.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous components**

| CAS No  | Chemical name                                                   |              |          | Quantity    |
|---------|-----------------------------------------------------------------|--------------|----------|-------------|
|         | EC No                                                           | Index No     | REACH No |             |
|         | Classification according to Regulation (EC) No. 1272/2008 [CLP] |              |          |             |
| 64-02-8 | tetrasodium ethylene diamine tetraacetate                       |              |          | 80 - < 85 % |
|         | 200-573-9                                                       | 607-428-00-2 |          |             |
|         | Acute Tox. 4, Eye Dam. 1; H302 H318                             |              |          |             |

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**

If swallowed, seek medical advice immediately and show this container or label.  
If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.  
Do NOT induce vomiting.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water spray. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Sand.

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

Danger of dust explosion.

**5.3. Advice for firefighters**

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

according to Regulation (EC) No 1907/2006

**UC34 BioSonic Plaster and Stone Remover Powder Concentrate**

Revision date: 13.05.2016

Print date: 21.03.2017

Page 3 of 5

**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**

Wear suitable gloves and eye/face protection.

Avoid dust formation.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Take up dust-free and set down dust-free.

Clear contaminated areas thoroughly.

**6.4. Reference to other sections**

See protective measures under point 7 and 8.

**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.

Observe instructions for use.

**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: 15 - 23 °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**

Wear eye/face protection.

**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:

Powder

Colour:

white

according to Regulation (EC) No 1907/2006

**UC34 BioSonic Plaster and Stone Remover Powder Concentrate**

Revision date: 13.05.2016

Print date: 21.03.2017

Page 4 of 5

Odour: odourless

**Test method**

pH-Value: 10.5-11.5 (1% in aqueous solution)

**Changes in the physical state**

Water solubility: easily soluble.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

There are no data available on the mixture itself.

**10.2. Chemical stability**

There are no data available on the mixture itself.

**10.3. Possibility of hazardous reactions**

There are no data available on the mixture itself.

**10.4. Conditions to avoid**

Avoid dust formation.

**10.5. Incompatible materials**

Materials to avoid: Aluminium.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Harmful if swallowed.

**ATEmix calculated**

ATE (oral) 609.8 mg/kg

| CAS No  | Chemical name                             |               |         |        |
|---------|-------------------------------------------|---------------|---------|--------|
|         | Exposure route                            | Dose          | Species | Source |
| 64-02-8 | tetrasodium ethylene diamine tetraacetate |               |         |        |
|         | oral                                      | ATE 500 mg/kg |         |        |

**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**

RTECS: No data available

**SECTION 12: Ecological information**

according to Regulation (EC) No 1907/2006

**UC34 BioSonic Plaster and Stone Remover Powder Concentrate**

Revision date: 13.05.2016

Print date: 21.03.2017

Page 5 of 5

**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****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)**

|      |                            |
|------|----------------------------|
| H302 | Harmful if swallowed.      |
| H318 | Causes serious eye damage. |

**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.)*