

according to Regulation (EC) No 1907/2006

UC32 BioSonic Enzymatic Ultrasonic Cleaner

Revision date: 13.05.2016

Print date: 15.02.2018

Page 1 of 6

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

UC32 BioSonic Enzymatic Ultrasonic Cleaner

Further trade namesCat. No. UC32
48023**1.2. Relevant identified uses of the substance or mixture and uses advised against****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.

according to Regulation (EC) No 1907/2006

UC32 BioSonic Enzymatic Ultrasonic Cleaner

Revision date: 13.05.2016

Print date: 15.02.2018

Page 2 of 6

Precautionary statements

- P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash hands thoroughly after handling.
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 Protease. May produce an allergic reaction.

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]			
68515-73-1	Alkyl Polyglycosides			5 - < 10 %
	500-220-1			
	Eye Dam. 1, Aquatic Acute 3; H318 H402			
1303-96-4	disodium tetraborate decahydrate; borax decahydrate			< 1 %
	215-540-4	005-011-01-1		
	Repr. 1B; H360FD			

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.
Change contaminated clothing.
In case of skin irritation, seek medical treatment.

After contact with eyes

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

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**

- Water spray. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.

Additional information

- Co-ordinate fire-fighting measures to the fire surroundings.

according to Regulation (EC) No 1907/2006

UC32 BioSonic Enzymatic Ultrasonic Cleaner

Revision date: 13.05.2016

Print date: 15.02.2018

Page 3 of 6

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****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1303-96-4	Disodium tetraborate, decahydrate	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

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:	orange
Odour:	characteristic

according to Regulation (EC) No 1907/2006

UC32 BioSonic Enzymatic Ultrasonic Cleaner

Revision date: 13.05.2016

Print date: 15.02.2018

Page 4 of 6

Test method

pH-Value:	6 - 8
Changes in the physical state	
Initial boiling point and boiling range:	100 °C
Flash point:	< 93.3 °C
Vapour pressure:	No Data
Density (at 25 °C):	1.03 g/cm³
Water solubility:	easily soluble.
Viscosity / dynamic:	65 mPa·s

SECTION 10: Stability and reactivity**10.2. Chemical stability**

The substance 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

SECTION 12: Ecological information**12.2. Persistence and degradability**

Biodegradable.

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
1303-96-4	disodium tetraborate decahydrate; borax decahydrate	-1,53

according to Regulation (EC) No 1907/2006

UC32 BioSonic Enzymatic Ultrasonic Cleaner

Revision date: 13.05.2016

Print date: 15.02.2018

Page 5 of 6

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 decahydrate; borax decahydrate

Restrictions on use (REACH, annex XVII):

Entry 30: disodium tetraborate decahydrate; borax decahydrate

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)**

H318	Causes serious eye damage.
H360FD	May damage fertility. May damage the unborn child.
H402	Harmful to aquatic life.
EUH208	Contains Protease. 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.

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UC32 BioSonic Enzymatic Ultrasonic Cleaner

Revision date: 13.05.2016

Print date: 15.02.2018

Page 6 of 6

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