

1. Identification of the Substance/Preparation and of the Company/Undertakings**Product Details:**

Trade Name: BioSonic® Plaster and Stone Remover Cat. No. UC34

Manufacturer:**Coltène/Whaledent Inc.**235 Ascot Parkway
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Authorized EU Representative

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2. Composition/Information on Ingredients**Chemical Characterization:** Chelating Powder**Hazardous Components:**

<u>Chemical Name</u>	<u>Weight %</u>	<u>Index, R/S Phrases</u>
Tetra Sodium Ethylenediaminetetracetic Acid Dihydrate	50 - 90%	None

3. Hazard Identification

Hazard Designation: An immediate health hazard.

Information Pertaining to Particular Dangers for Man and Environment: Powder and solution may irritate eyes. Do not dump into any sewers or into any body of water.

Classification is in Line with BC Directive 1999/45/EC: See Section 15.

4. First-Aid Measures

After Inhalation: Get to fresh air. If irritation persists, consult a physician.

After Skin Contact: Wash thoroughly with flowing water for 15 minutes. If irritation persists, consult a physician.

After Eye Contact: Flush with water for 15 minutes. If irritation persists, consult a physician.

After Swallowing: Induce vomiting if large amounts are swallowed. Contact a physician.

5. Fire-Fighting Measures**Flammability: N.A.****Flash Point: N.A.****LEL: Not Established****UEL: Not Established**Extinguishing Media: Water, CO₂, dry chemical or foam.

Unsuitable Extinguishing Media: None known.

Protective Equipment: Wear NIOSH approved self-contained breathing respirator in positive pressure mode and chemical protective clothing.

Special Hazards: Dust explosion hazard. Keep dust clouds away from possible ignition sources.

6. Accidental Release Measures

Personal Precautions: May cause moderate eye irritation. Avoid eye contact by wearing safety goggles.

Environmental Precautions: Do not dump into any sewers, on the ground or into any body of water.

Methods of Cleaning Up: Sweep up and wash remainder down with water. Avoid wash water entering natural waterways or public water supplies.

7. Handling and Storage

Precautions for Safe Handling: Always wear gloves and eye protection. Avoid breathing dust. Keep dust away from ignition sources.

Storage: Keep out of reach of children. Keep away from flame sources. Keep container closed as product is hygroscopic.

Avoid contact with aluminum.

8. Exposure Controls/Personal Protection

Components with Recommended Limits for the Work Place:

<u>CAS No.</u>	<u>Chemical Name</u>	<u>Weight %</u>	<u>Type/Value</u>
64-02-8	Tetra Sodium EDTA-Dihydrate	50 - 90%	Not established

Engineering Controls: Local exhaust adequate; mechanical ventilation helpful.

Work/Hygienic Protection: None established.

Hand/Skin Protection: Wear protective gloves.

Respiratory Protection: When handling large quantities, wear a dust mask.

Eye Protection: Wear safety goggles.

Date of Issue: November 2010

Coltène/Whaledent Inc.

N.A. = not applicable, N.K. = not known

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9. Physical and Chemical Properties

Appearance: White powder

Boiling Point: N.A.

Flammability: Nonflammable

Vapor Pressure: N.A.

pH: 1% Solution 10.5 – 11.5

Odor: None

Flash Point: N.A.

Autoflammability: No

Explosive Properties: N.K.

Viscosity: N.A.

Solubility: 103g solid per 100g water

Method:

Density: N.A.

Explosive Limits in Air: N.K.

Method: N.A.

10. Stability and Reactivity

Chemical Stability: Stable under normal use conditions.

Materials to Avoid: Aluminum.

Conditions to Avoid: Open flame for dust.

Hazardous Decomposition Products: None known.

11. Toxicological Information

Acute Toxicity: Single dose oral toxicity is low.

Primary Effects to Skin: Essentially nonirritating to skin.

Primary Effects to Eyes: May cause moderate eye irritation. May cause very slight transient corneal injury.

Primary Effects to Respiratory System: N.K.

Sensitization: N.A.

Additional Toxicological Info: Oral LD 50 for female rats is between 630 – 1260 mg/kg.

12. Ecological Information

General Information: N.K.

Classification of Water Endangerment: N.K.

13. Disposal Considerations

Product: Not considered a RCRA hazardous waste as identified in Fed. Reg. 40CFR261. Product should be sent to licensed recycler, reclaimer or incinerator.

14. Transportation Information

DOT Shipping Name: Not Regulated.

Sea Transport IMDG/GGV Sea Class: N.A.

Air Transport ICAO-Ti and IATA-DGR Class: N.A.

DOT Hazard Class: Not Regulated.

UN. No.: N.A.

Packing Group: N.A.

UN. No.: N.A.

Packing Group: N.A.

UN-No.: N.A.

EmS-No.: N.A.

MFGA-No.: N.A.

15. Regulatory Information

TSCA Inventory Status: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.

SARA 311/312 Hazard Categories: An immediate health hazard.

SARA 302 Extremely Hazardous Substances: None.

SARA 313 Toxic Chemicals:

Chemical NameCAS No.Weight %

Tetra Sodium EDTA Dihydrate

64-02-8

50 – 90%

Classification According to EEC Guidelines: N.A.

Classification According to VBF: N.A.

Canadian Regulations require the inclusion of the following statements under "Regulatory Information";

"This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations."

16. Other Information

Revision Summary: 11/29/2010 – Review, No Changes. 10/2/07 Review No Changes. 4/28/06 Changed for consistent format.

1/12/06 Bi-annual review, changed to 1999/45/EC in section 3, 91/155/EEC changed to 2001/58/EC. 5/3/04 Added EU Rep. 10/30/03 Changed to Company Format and Updated Address.

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Coltène/Whaledent Inc., however, makes no representations as to the completeness of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Coltène/Whaledent Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.