Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: BioSonic® Suvi® Air Polishing Powder Neutral - Calcium Carbonate
Product Code(s): 60018752

Relevant identified uses of the mixture and uses advised against: Intended for use with BioSonic Suvi Air Polishing Unit for supragingival procedures. This product is sold exclusively for use by licensed physician. Uses advised against: None noted.

Synonyms: Calcium Carbonate

Manufactured for: Coltène/Whaledent Inc.

235 Ascot Parkway
Cuyahoga Falls, OH 44223 / USA
Phone: 1 330 916 8800
Fax: 1 330 916 7077

info.us@coltene.com

Authorized EC Representative: Coltène/Whaledent GmbH + Co. KG

Raiffeisenstraße 30
89129 Langenau
Phone: 49 7345 805 0
Fax: 49 7345 805 201

info.de@coltene.com

Emergency Contact Number:
USA & Canada: 1 800 535 5053

Copies of this SDS can be found at www.coltene.com

Section 2: HAZARDS IDENTIFICATION

Classifications: Not hazardous.

Appearance: Fine, white, odorless powder

Contains: This product does not contain hazardous materials.

Route(s) of Exposure: Inhalation, Dermal (Skin/Eye), Ingestion

Other hazards which do not result in classification: Calcium Carbonate in powder form is considered a nuisance dust. It is nontoxic. Any physical condition normally aggravated by dust, such as eye, nose, and throat inflammation, and asthma, could be aggravated by Calcium Carbonate dust.

PBT/vPvB Assessment: This product does not contain persistent, bioaccumulative and toxic chemicals (PBT’s) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB’s).

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance (Synonyms)</th>
<th>CAS</th>
<th>EC Number</th>
<th>Index Number</th>
<th>Percent (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>207-439-9</td>
<td>207-439-9</td>
<td>n/a</td>
<td>&gt; 90%</td>
</tr>
</tbody>
</table>

Section 4: FIRST AID MEASURES

NOTE: BioSonic® Suvi® Air Polishing Calcium Carbonate is intended to enter the mouth during dental procedures; however if exposed to an excessive amount of material, consider the following first aid measures:

**Inhalation:** Similar to other dust nuisance: may cause irritation effect to the respiratory tract. Move to fresh air, keep the patient warm and at rest.

**Eyes:** Rinse with large amounts of water (open eyelids) for at least 15 minutes. Get medical advice if irritation persists.

**Skin:** Wash the skin thoroughly with soap and water.

**Ingestion:** Give plenty of water and milk to drink.

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media: Nonflammable. Use extinguishing media appropriate for surrounding materials.

Specific Hazards Arising from the Chemical: Hazardous decomposition products: Calcium Oxide and Carbon Dioxide are formed upon heating/ reaction with acids.
BioSonic® Suvi® Air Polishing Powder Neutral - Calcium Carbonate

Protective Equipment and Precautions for Firefighters: standard protection for all firefighters stated in this subsection of the SDS text should include self-contained breathing apparatus (SCBA) and full firefighting turn-out gear (bunker gear).

Combustible Dust: Calcium Carbonate powder by itself is not combustible as reported in the ICSC (International Chemical Safety Cards) # 1193 and therefore there will be no associated Minimum Ignition Energy (MIE) value for this material. If, however, calcium carbonate is blended with a combustible powder, the mixture could be combustible and under the right conditions could give rise to an explosion risk.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Use personal protection recommended in Section 8.

Methods for Containment and Clean-up: Sweep or shovel material into a waste container.

Other Information: None.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Minimize dust generation and exposure.

Conditions for Safe Storage, Including Incompatibilities: Store in cool dry place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits: None.

Appropriate Engineering Controls: General ventilation is sufficient.

Personal Protective Equipment (Eyes and Face): Chemical safety goggles when airborne dust expected.

Personal Protective Equipment (Skin): General purpose examination gloves.

Personal Protective Equipment (Respiratory): None. If dust expected, wear face mask.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White, Fine, Free-Flowing Powder

Odor: Odorless

Odor Threshold: No data

pH: ca. 8.5 (10%)

Melting Point: No data

Specific Gravity: 0.88

Octanol / H₂O Coefficient: No data

Molecular Weight: No data

Auto Ignition: No data

Flash Point: No data

Vapor Density: No data

Viscosity: (Brookfield LVT #1, 30rpm) No data

VOC: No data

Boiling Point: No data

Solubility (H₂O): Slowly soluble in water.

Density: ca. 2.5 g/cm³

Evaporation Rate: No data

Decomposition Temp: No data

LFL: No data

UFL: No data

Vapor Pressure: (25°C) No data

Flammability Class: Non-flammable

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions.

Possibility of Hazardous Reactions: May ignite upon contact with fluorine gas.

Conditions to Avoid: None specified.

Incompatibility: Acids, Fluorine Gas

Hazardous Decomposition Products: Calcium Oxide and Carbon Dioxide are formed upon heating/ reaction with acids.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Dermal (Skin/Eye), Ingestion
BioSonic® Suvi® Air Polishing Powder Neutral - Calcium Carbonate

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**Acute Effects:** Any physical condition normally aggravated by dust, such as eye, nose, and throat inflammation, and asthma, could be aggravated by Calcium Carbonate dust.

**Sensitization:** Not a known sensitizer.

**Carcinogenicity:** This product does not contain any substances classified as carcinogens by NTP, ACGIH, IARC or OSHA.

**Mutagenicity:** No data available.

**Reproductive Toxicity:** No data available.

**Specific Target Organ Toxicity - Single Exposure (STOT-SE):** No data available.

**Specific Target Organ Toxicity - Repeated or Prolonged Exposure (STOT-RE):** No data available.

### Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.

**Persistence / Degradability:** No data available.

**Aquatic Toxicity:** No data available.

**Bioaccumulative Potential:** Slowly soluble in water. Does not bioaccumulate.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** Release to water systems will cause a slight increase in alkanity. This product does not contain persistent, bioaccumulative and toxic chemicals (PBT’s) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB’s).

### Section 13: DISPOSAL CONSIDERATIONS

**Disposal:** The product is not classified as hazardous waste.

**Additional Disposal Considerations:** None.

### Section 14: TRANSPORT INFORMATION

This product is not hazardous for transporation.

### Section 15: REGULATORY INFORMATION

**SARA Sections 302 and 304:** This product does not contain Extremely Hazardous Substances (EHS) and is not subject to emergency planning requirements.

**CERCLA:** This product does not contain CERCLA Hazardous Substances and is not subject to reporting requirements.

**SARA Section 313:** Substances within this product are not required to be reported in accordance with SARA 313 or the substances within are exempt by rules for "de minimis concentrations of a toxic chemical in a mixture" §372.38(a).

**California Proposition 65:** There are no chemicals within this mixture on the Proposition 65 List.

**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.

**International Inventories:**

**US (TSCA):** The components within this product are included on the TSCA Inventory of Chemical Substances

**Canada (DSL):** All ingredients are on the inventory or exempt from listing.

**European Union (EINECS):** All ingredients conform to the EU requirements.

**Japan (ENCS):** All other ingredients are on the inventory or exempt from listing.

**Philippines (PICCS):** All other ingredients are on the inventory or exempt from listing.

**South Korea (KECL):** All ingredients are on the Inventory or exempt from listing.

**Australia (AICS):** All ingredients are on the Inventory or exempt from listing.

**New Zealand (NZIoC):** All ingredients are on the Inventory or exempt from listing.

**China (IECSC):** All ingredients are on the Inventory or exempt from listing.
Section 16: OTHER INFORMATION

National Fire Protection Association (NFPA)

<table>
<thead>
<tr>
<th>NFPA Ratings</th>
<th>Hazardous Material Information System (HMIS®)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health: 0</td>
<td>Health: 0</td>
</tr>
<tr>
<td>Fire: 0</td>
<td>Fire: 0</td>
</tr>
<tr>
<td>Reactivity: 0</td>
<td>Reactivity: 0</td>
</tr>
</tbody>
</table>

(NFPA and HMIS Hazard Scale: 0 = Minimal  1 = Slight  2 = Moderate  3 = Serious  4 = Severe)

REVISION HISTORY

<table>
<thead>
<tr>
<th>REVISION</th>
<th>DATE</th>
<th>ECN#</th>
<th>CHG BY</th>
<th>APPR BY</th>
<th>DESC. OF CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>9/25/14</td>
<td>14400</td>
<td>SBL</td>
<td>SBL</td>
<td>Updated MSDS to GHS/SDS Format. 48246 Revision A supersedes 48141 Revision A.</td>
</tr>
</tbody>
</table>

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.