

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

(a) GHS product identifier  
Super Dent Dental Stone Buff

(e) Emergency phone number  
CHEMTRAC 1-800-424-9300

(b) Other means of identification  
NA

(c) Recommended use of the chemical and restrictions on use  
For professional dental applications.

(d) Supplier's details



Darby Dental Supply  
300 Jericho Quadrangle  
Jericho, NY 11753  
Phone: (877) 573-3200

SECTION 2: Hazards identification

(a) GHS classification of the substance/mixture

Substance Name  
1. Undisclosed due to Confidential Business Information

(b) Label Elements

Hazard statements  
None

Precautionary statements  
None

Hazard Symbol(s)  
NONE

Signal Word(s)  
NONE

(c) Other hazards which do not result in classification

**IF ON SKIN:** This material hardens and becomes hot when mixed with water. It SHOULD NOT be used to make a cast enclosing any part of the body, which may cause severe burns that may require surgical removal of affected tissue or amputation of limb. Contact with skin may cause irritation or abrasions.

**IF INHALED:** Dusts from this product may irritate the nose, throat, lungs, and upper respiratory tract. May cause coughing, sneezing, and nasal irritation. Labored breathing may occur after excessive inhalation.

**IF SWALLOWED:** May cause gastric disturbances if swallowed. Ingestion of a sufficient quantity may mechanically obstruct the gut, especially the pyloric region.

**IF IN EYES:** Direct contact can cause mechanical irritation of eyes.

SECTION 3: Composition/information on ingredients

(a) Chemical(s) Identity:

(b) Common Name:  
Undisclosed due to Confidential Business Information

(c) CAS No.  
NA

Mixture:  
Concentration (Percentage)  
>99%

SECTION 4: First-aid measures

(a) Description of first aid measures:

**IF ON SKIN (or hair):** Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water.

**IF INHALED:** If respiratory symptoms persist, consult physician.

**IF SWALLOWED:** If gastric disturbance occurs, consult physician.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If burning, redness, itching, pain or other symptoms persist or develop, consult a physician.

(b) Most important symptoms and effects, both acute and delayed:

**IF INHALED:** Nuisance conditions such as coughing, sneezing, and nasal irritation. Labored breathing may occur after excessive inhalation.

**IN EYES:** If burning, redness, itching, pain or other symptoms persist or develop, consult a physician.

(c) Indication of any immediate medical attention and special treatment needed:

ND

**SECTION 5: Fire-fighting measures**

- (a) **Suitable extinguishing media:**  
Water or use extinguishing media appropriate for surrounding fire.
- (b) **Special hazards arising from the chemical or mixture:**  
None known
- (c) **Special protective equipment and precautions for fire-fighters:**  
Wear appropriate personal protective equipment.

**SECTION 6: Accidental release measures**

- (a) **Personal precautions, protective equipment and emergency procedures:**  
No special precautions. Wear appropriate personal protective equipment.
- (b) **Environmental precautions:**  
Toxicity studies performed with fish, aquatic invertebrates and aquatic plants showed no toxic effect.
- (c) **Methods and material for containment and cleaning up:**  
Remove by dry-sweeping or vacuum. Avoid creating excessive dust. Do not wash down drains, may plug drains.

**SECTION 7: Handling and storage**

- (a) **Precautions for safe handling:**  
None required where adequate ventilation conditions exist. Avoid creating dust. Wear a NIOSH approved dust respirator in poorly ventilated areas/TLV requirements are exceeded.
- (b) **Conditions for safe storage, including any incompatibilities:**  
Store in a dry area to minimize potential for clumping due to moisture absorption.

**SECTION 8: Exposure controls/Personal protection**

- (a) **Control parameters:**

Chemical	ACGIH	OSHA
CBI	TLV	PEL TWA
	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> total, 5 mg/m <sup>3</sup> respirable
- (b) **Appropriate Engineering Controls:**  
Ventilate to keep exposures below TLV requirements. General ventilation is should be satisfactory. Use local exhaust ventilation if necessary to control dust.
- (c) **Individual protection measures:**
  - RESPIRATORY:** None required where adequate ventilation conditions exist. Avoid creating dust. Wear a NIOSH/OSHA approved dust respirator in poorly ventilated areas or if TLV requirements are exceeded.
  - OTHER PROTECTIVE EQUIPMENT:** No special body protection is required under typical circumstances. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended.

**SECTION 9: Physical and chemical properties**

- (a) **Appearance:** White to colored powder
- (b) **Odor:** None
- (c) **Odor threshold:** ND
- (d) **pH:** 7.5 - 8.5
- (e) **Melting point / freezing point:** 1,450 Degrees Celsius
- (f) **Initial boiling point and boiling range:** ND
- (g) **Flash point:** Not Combustible
- (h) **Evaporation rate (BuAc=1):** ND
- (i) **Flammability:** ND
- (j) **Upper/lower flammability or explosive limits:** ND
- (k) **Vapor Pressure:** ND
- (l) **Vapor density:** ND
- (m) **Relative density:** ND
- (n) **Solubility:** ND
- (o) **Partition coefficient: n-octanol/water:** ND
- (p) **Auto-ignition temperature:** ND
- (q) **Decomposition temperature:** 1,450 Degrees Celsius
- (r) **Viscosity:** ND

**SECTION 10: Stability and reactivity**

- (a) **Reactivity:** Low, HMIS 0
- (b) **Chemical stability:** Stable
- (c) **Possibility of hazardous reactions:** Low
- (d) **Conditions to avoid:** Incompatible with Acids
- (f) **Hazardous decomposition products:** Decomposes to Calcium Oxide and Sulfur Dioxide at 1,450 Degrees Celsius

**SECTION 11: Toxicological information**

- Acute toxicity NE
- Skin corrosion/irritation NE
- Serious Eye Damage / Irritation NE
- Respiratory or skin sensitization NE
- Germ cell mutagenicity NE
- Carcinogenicity NE
- Reproductive toxicity NE
- STOT-single exposure NE
- STOT-repeated exposure NE
- Aspiration Hazard NE

- (a) **Exposure route:** inhalation, skin and/or eye contact
- (b) **Symptoms related to the physical, chemical and toxicological characteristics:** difficulty breathing, rashes or irritations
- (c) **Delayed and immediate effects and also chronic effects from short and long tem exposure:** difficulty breathing, rashes or irritations
- (d) **Numerical measures of toxicity:** See control parameters above

**SECTION 12: Ecological information**

- (a) **Ecotoxicity:** ND
- (b) **Persistence and degradability:** ND
- (c) **Bioaccumulative potential** ND
- (d) **Mobility in soil:** ND
- (e) **Other adverse effects:** ND

**SECTION 13: Disposal considerations**

**Product:**

**Recommendation**

Sweep and dispose of material in accordance with all applicable federal, state and local regulations.

**SECTION 14: Transport information**

- (a) **UN Number** This product is not regulated as a hazardous material by neither the United States (DOT) Transportation regulations nor Canadian Transportation of Dangerous Goods.
- (b) **UN Proper shipping name** NA
- (c) **Transport hazard class(es)** NA
- (d) **Packing Group** NA
- (e) **Environmental hazards** NA
- (f) **Transport in bulk** NA
- (g) **Other Information** NA

**SECTION 15: Regulatory information**

**SARA Reporting Requirements:** NA  
**SARA Threshold Planning Quantity:** NA  
**TSCA Inventory Status:** ND  
**Other Federal Requirements:** NA  
**Other Canadian Regulations:** NA  
**State Regulatory Information:** NA

**SECTION 16: Other information**

**PREPARED BY:** Kathryn Harris  
**GAR QMS SDS REFERENCE:** A381

**HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:**

Health 0  
Flammability 0  
Reactivity 0  
Other NA

**REVISION NUMBER:** 160524

**CHANGES FROM PREVIOUS VERSION:** ORIGINAL VERSION

**ABBREVIATIONS**

NA Not Applicable	LD Lethal Dose
ND Not Determined	TC Toxic Concentration
NE Not Established	TD Toxic Dose
ppm parts per million	BOD Biological Oxygen Demand
G Gallon	COD Chemical Oxygen Demand
mg Milligram	Lo Lowest
L Liter	ThOD Theoretical Oxygen Demand
gm Gram	TLm Threshold Limit
mol Mole	IC Inhibitory Concentration
kg Kilogram	DOC Dissolved Organic Carbon
µ Micro	H Hours
mm Millimeter	M Months
p Pico	D Days
Pa Pascals	Y Years
c cento	W Weeks
LC Lethal Concentration	NOEL No Observed Effect Level
ACGIH American Conference of Governmental Industrial Hygienist	NOAEL No Observed Adverse Effect Level
CPR Controlled Product's Regulation	OSHA Occupational Safety and Health Administration
DSL Canadian Domestic Substances List	PEL Permissible Exposure Limit
NDSL Canadian Non-domestic Substance List	TLV Threshold Limit Value
IARC International Agency for Research for Cancer	

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED.

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