

Safety Data Sheet

Form No. A170

Date Prepared:

1/24/2014

SECTION 1 : Identification of the substance/preparation and of the company / undertaking**(a) GHS product identifier**

Benco Pumice, All Types

(e) Emergency phone number

CHEMTREC 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

Benco Dental Supply

P.O. Box 491

Pittston, PA 18640-0491

Phone: 1-800-462-3626

SECTION 2: Hazards identification**(a) GHS classification of the substance/mixture****Substance Name**

1. Pumice

(b) Label Elements**Precautionary statements****IF INHALED:** Blow nose, remove to fresh air.**IF SWALLOWED:** Rinse mouth, drink water to clear throat.**IF IN EYES:** Flush with copious amounts of clean water for 15 minutes. If irritation persists, contact a physician.**Hazard Symbol(s)**

NONE

Signal Word(s)

NONE

(c) Other hazards which do not result in classification

ND

SECTION 3: Composition/information on ingredients**(a) Chemical(s) Identity:****(b) Common Name:**

Pumice

(c) CAS No.

1332-09-8

Mixture:**Concentration (Percentage)**

100%

SECTION 4: First-aid measures**(a) Description of first aid measures:****IF INHALED:** Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air.**IF IN EYES:** Flush with copious amounts of clean water for 15 minutes. If irritation persists, contact a physician.**(b) Most important symptoms and effects, both acute and delayed:****IF INHALED:** Transitory upper respiratory irritant. Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).**(c) Indication of any immediate medical attention and special treatment needed:**

None known.

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:

None known.

(c) Methods and material for containment and cleaning up:

Vacuum all clean spillage. If sweeping is necessary, use a dust suppressant. Clean clothes with filter-equipped vacuum, not by blowing off with compressed air.

SECTION 7: Handling and storage**(a) Precautions for safe handling:**

Use techniques that minimize generating dust. Material may be slippery on a smooth surface when wet. Avoid vigorous shaking of bags.

(b) Conditions for safe storage, including any incompatibilities:

No incompatibility.

SECTION 8: Exposure controls/Personal protection**(a) Control parameters:****Chemical**
Pumice**ACGIH**
TLV10 mg/m³ (inhalable)
3 mg/m³ (respirable)**OSHA**
PEL TWA
80 mg/m³**(b) Appropriate Engineering Controls:**

Local exhaust recommended.

(c) Individual protection measures:**RESPIRATORY:** Use an approved dust mask, such as a particulate filter respirator.**EYES:** Goggles recommended.**OTHER PROTECTIVE EQUIPMENT:** None required.

SECTION 9: Physical and chemical properties

(a) Appearance:	White to off-white powder.
(b) Odor:	None.
(c) Odor threshold:	ND
(d) pH:	7.2
(e) Melting point / freezing point:	ND
(f) Initial boiling point and boiling range:	ND
(g) Flash point	ND
(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:	Insoluble.
(o) Partition coefficient: n-octanol/water:	ND
(p) Auto-ignition temperature:	ND
(q) Decomposition temperature:	ND
(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:	No special precautions.
(f) Hazardous decomposition products:	May react with hydrofluoric acid to form toxic silicon tetra-fluoride gas.

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, ingestion (non-hazardous).

(b) Symptoms related to the physical, chemical and toxicological characteristics:

In extreme exposures, some congestion may occur.

(c) Delayed and immediate effects and also chronic effects from short and long term exposure:

Transitory upper respiratory irritant. Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).

(d) Numerical measures of toxicity:

See control parameters above.

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(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**

Bury as non-toxic waste in an approved landfill in accordance with all federal, state, and local regulations.

SECTION 14: Transport information

(a) UN Number	Not controlled by IATA and to be considered as non-dangerous goods.
(b) UN Proper shipping name	
(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

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Date Prepared:**1/24/2014****SECTION 16: Other information****PREPARED BY:** Sarah Johnson**GAR QMS SDS REFERENCE:** A031**HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:**

Health	0
Flammability	0
Reactivity	0
Other	NA

REVISION NUMBER: 140121**CHANGES FROM PREVIOUS VERSION:**

INITIAL 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 cent	W Weeks
LC Lethal Concentration	

ACGIH American Conference of Governmental Industrial Hygienist

CPR Controlled Product's Regulation

DSL Canadian Domestic Substances List

NDSL Canadian Non-domestic Substance List

IARC International Agency for Research for Cancer

NOEL No Observed Effect Level

NOAEL No Observed Adverse Effect Level

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

TLV Threshold Limit Value

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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