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

1.1. Product identifier

Product form:	Substance
Product name:	Pumice
CAS No.:	1332-09-8
EC No.:	-

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:	Industrial Use Filler, carrier mineral, abrasive, polishing agent

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier:	SILADENT Dr. Böhme & Schöps GmbH
Street / mailbox:	Im Klei 26
Country code. / postal code / city:	DE - 38644 Goslar
Phone:	+49 (0) 53 21 / 37 79 - 0
Fax:	+49 (0) 53 21 / 38 96 32
E-mail / Website:	info@siladent.de / www.siladent.de
Further information obtainable from:	SILADENT Dr. Böhme & Schöps GmbH

Ultimate Dental Supply
660A South Rd
MOORABBIN VIC 3189
03 9532 1799
Info@ultimatedental.com.au

1.4. Emergency telephone number

SILADENT Dr Bohme & Schops Gmbh 49 (0)5321/3779-0

Australian Emegency Telephone
13 11 26 Poisons Hotline 24hours / 7 days

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified
Adverse physicochemical, human health and environmental effects:
To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]:

EUH phrases:	EUH210 - Safety data sheet available on request.

2.3. Other hazards

Results of PBT and vPvB assessment

PBT:	Not applicable.
vPvB:	Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance name:	Pumice
CAS No.:	1332-09-8
Description:	Natural complex silicate, mainly consisting of silicon dioxide (SiO_2) which contains dissolved oxides of various elements.

Components:

CAS no: 1332-09-8	Pumice	100 %
EC no: -	Not classified	

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:	If you feel unwell, seek medical advice. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. In case of loss of conscience place the victim in the recovery position.

	First-aid measures after inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	First-aid measures after skin contact:	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water.
	First-aid measures after eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	First-aid measures after ingestion:	Rinse mouth. Drink water as a precaution. Get medical advice/attention if you feel unwell.
4.2.	Most important symptoms and effects, both acute and delayed:	Not expected to present a significant hazard under anticipated conditions of normal use.
4.3.	Indication of any immediate medical attention and special treatment needed:	Treat symptomatically.

SECTION 5: Firefighting measures

5.1.	Extinguishing media	
	Suitable extinguishing media:	Adapt extinguishing agents to the environment. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
	Unsuitable extinguishing media:	Do not use a heavy water stream.
5.2.	Special hazards arising from the substance or mixture:	The product itself does not burn.
5.3.	Advice for firefighters	
	Firefighting instructions:	Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.
	Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1.	Personal precautions, protective equipment and emergency procedures:	Provide adequate ventilation. Avoid breathing dust. Evacuate unnecessary personnel. Use personal protective equipment as required. Avoid dust formation.
6.2.	Environmental precautions:	Prevent entry to sewers and public waters.
6.3.	Methods and material for containment and cleaning up:	On land, sweep or shovel into suitable containers. Take up mechanically and collect in suitable container for disposal.
6.4.	Reference to other sections:	Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1.	Precautions for safe handling	
	Precautions for safe handling:	Ensure good ventilation of the work station. Avoid dust formation. Avoid breathing dust.
	Hygiene measures:	Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace.
7.2.	Conditions for safe storage, including any incompatibilities	
	Storage conditions:	Store in original container. Store tightly closed in a dry and cool place. Protect from humidity.
	Prohibitions on mixed storage:	Keep away from food, drink and animal feedingstuffs. Store separately from hydrofluoric acid.
	Storage class:	13 - Non-flammable solids
7.3.	Specific end use(s):	No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with critical values that require monitoring at the workplace:	
Dust non-specific	
OEL 8-hr (Ireland)	10 mg/m³ (total inhalable) 4 mg/m³ (respirable)
WEL 8-hr (UK)	10 mg/m³ (inhalable) 4 mg/m³ (respirable)

DNEL:
No additional information available
PNEC:
No additional information available

8.2. Exposure controls

Appropriate engineering controls:	Use adequate ventilation to keep vapour concentrations below applicable standard.
Personal protective equipment:	
Hand protection:	Wear suitable gloves (EN 374). Nitrile rubber. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	Chemical goggles or safety glasses (EN 166).
Respiratory protection:	Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. In case of dust formation use respirator with filter: FFP1.
Skin and body protection:	Wear suitable protective clothing.
Environmental exposure controls:	Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid, Powder
Colour:	White-grey
Odour:	Odourless
Melting point/Freezing point:	1200 °C
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	Not flammable.
Lower and upper explosion limit:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data available
pH:	7 - 8
Kinematic viscosity:	Not applicable
Solubility:	Water: insoluble
Partition coefficient n-octanol/water (log value):	Not applicable
Vapour pressure:	No data available
Density and/or relative density:	2360 - 2400 g/cm³
Relative vapour density:	Not applicable
Particle characteristics:	No data available

9.2. Other information

Explosive properties:	No explosive properties.
Oxidising properties:	No oxidising properties.
Bulk density:	350 – 900 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity: No dangerous reactions known under normal conditions of use.

10.2.	Chemical stability:	Stable under use and storage conditions as recommended in section 7. No decomposition if stored and applied as directed.
10.3.	Possibility of hazardous reactions:	Decomposition on exposure to hydrofluoric acid.
10.4.	Conditions to avoid:	Protect from humidity.
10.5.	Incompatible materials:	None known.
10.6.	Hazardous decomposition products:	None known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:	Not classified Based on available data, the classification criteria are not met
Skin corrosion/irritation:	Not classified Based on available data, the classification criteria are not met
Serious eye damage/irritation:	Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure):	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure):	Not classified Based on available data, the classification criteria are not met
Aspiration hazard:	Not classified Based on available data, the classification criteria are not met

11.2. Information on other hazards

Potential adverse human health effects and symptoms:	Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	Not classified
Ecology - general advice	Avoid release to the environment. Prevent entry to sewers and public waters.

12.2.	Persistence and degradability:	No additional information available
12.3.	Bioaccumulative potential:	No additional information available
12.4.	Mobility in soil:	No additional information available
12.5.	Results of PBT and vPvB assessment:	
	PBT:	Not applicable.
	vPvB:	Not applicable.
12.6.	Endocrine disrupting properties:	No additional information available
12.7.	Other adverse effects:	No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste):	Dispose in a safe manner in accordance with local/national regulations.
Waste disposal recommendations:	When totally empty, containers are recyclable like any other packing.

SECTION 14: Transport information

14.1.	UN number or ID number	
	ADR, IMDG, IATA:	Not applicable
14.2.	UN proper shipping name	
	ADR, IMDG, IATA:	Not applicable
14.3.	Transport hazard class(es)	
	ADR, IMDG, IATA:	Not applicable
14.4.	Packing group	
	ADR, IMDG, IATA:	Not applicable
14.5.	Environmental hazards:	No
	Marine pollutant:	No
	Other information:	No supplementary information available
14.6.	Special precautions for user:	Not applicable.
14.7.	Maritime transport in bulk according to IMO instruments:	Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU-Regulations
This substance is classified as not hazardous according to regulation (EC) 1272/2008.
Pumice is not on the REACH candidate list.
Pumice is not on the REACH Annex XIV List.
National regulations
No additional information available

15.2. Chemical safety assessment: A chemical safety assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

Changes compared to the previous version: -

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)
IATA	International Air Transport Association
IMDG	“International Maritime Dangerous Goods Code” for the transport of dangerous goods by sea
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
LOAEL	Lowest Observed Adverse Effect Level
NOAEC/L	No Observed Adverse Effect Concentration/Level
NOEC/L	No Observed Effect Concentration/Level
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, Bioaccumulative and Toxic substance
PNEC	Predicted No-Effect Concentration

REACH	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS	Safety Data Sheet
STP	Sewage Treatment Plant
UFI	Unique Formula Identifier
vPvB	Very Persistent and Very Bioaccumulative