



## **PUMICE STONE BODY EXFOLIANT**

Pumice is a natural alumino-silicate of volcanic origin. Being inert and extremely brittle with a sharp conchoidal fracture, pumice is recommended as a mild abrasive.

<b>BATCH NUMBER</b>	:	<b>4530103</b>
<b>BEST BEFORE END</b>	:	<b>January 2027</b>
<b>INCI LISTING</b>	:	<b>Pumice</b>
<b>CAS NUMBER</b>	:	<b>1332-09-8</b>
<b>APPEARANCE</b>	:	<b>Granules</b>
<b><u>TYPICAL PROPERTIES</u></b>		
<b>HARDNESS (Mohs)</b>	:	<b>5 to 6 &gt; 1000 7 to 8</b>
<b>MELTING POINT (°C)</b>	:	<b>2.3 to 2.4</b>
<b>pH VALUE</b>	:	<b><u>% Passing</u></b>
<b>TRUE DENSITY (g/cm<sup>3</sup>)</b>	:	
<b><u>TYPICAL SIEVE ANALYSIS (MICRONS)</u></b>		
<b>300</b>	:	<b>100</b>
<b>250</b>	:	<b>&gt; 70</b>
<b>125</b>	:	<b>&lt; 8</b>



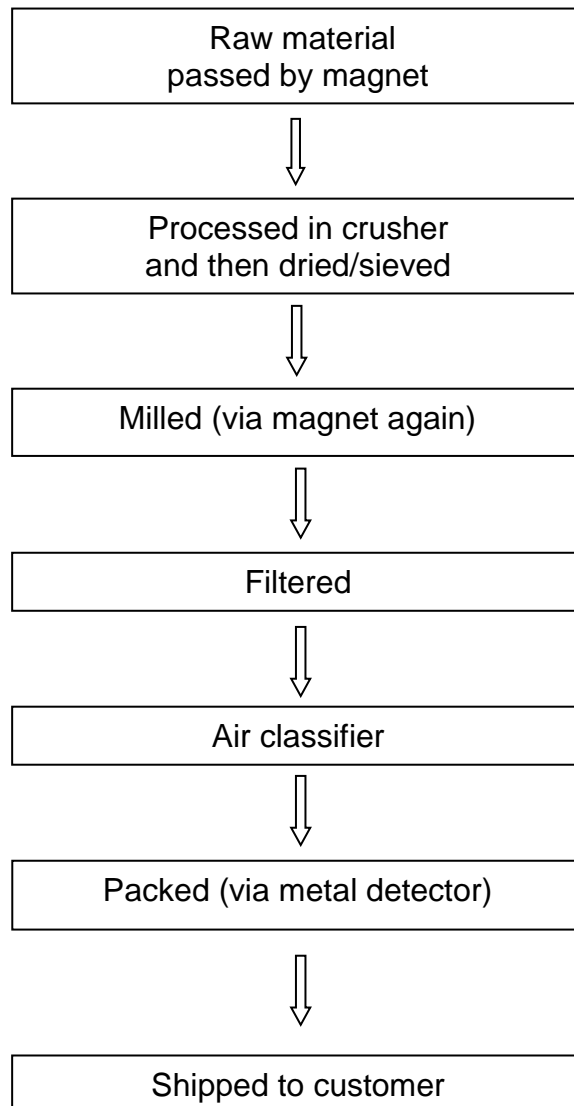
VERSION: 1.2, 12/02/2018

## **GENETICALLY MODIFIED/ ENGINEERED MATERIALS**

### **PUMICE STONE BODY GRANULES**

Whilst the above product supplied by MADAR Corporation is considered GM free, no assurances can be given to this effect due to the possibility of cross-contamination or inadvertent contact with GM materials, which is beyond our control.

## PUMICE SAND 55 MESH



## PUMICE

*Powder, Sand, Granules*

Pumice is a natural aluminosilicate of volcanic origin with a sharp conchoidal fracture that makes it ideally suitable for use as a mild abrasive. It consists largely of silica and aluminium oxide.

Raw material is crushed and sorted into various different sizes, from large pebbles or stones down to very fine powder. As well as being used in cosmetics for exfoliation, different grades of pumice granules are also used in a variety of industrial applications. Larger pumice stones are used to remove excess skin from hardened areas such as the feet and much finer grades are sometimes used in toothpaste.

The pumice sold by A & E Connock is typically sourced from the volcanic regions of Europe or North America. In hardness terms, it falls near the middle of the *Mohs* scale with a value of around 5 to 6, which is similar to glass (Talc is 1 and Diamond is 10).

TYPICAL CHEMICAL ANALYSIS	
Chemical	Typical Percentage
Silica (SiO <sub>2</sub> )	70 to 75
Aluminium Oxide (Al <sub>2</sub> O <sub>3</sub> )	11 to 16
Sodium Oxide (Na <sub>2</sub> O)	3 to 5
Potassium Oxide (K <sub>2</sub> O)	3 to 5
Combined Water (H <sub>2</sub> O+)	3 to 5
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	< 2
Magnesium Oxide (MgO)	< 2
Calcium Oxide (CaO)	< 2
Titanium Dioxide (Ti <sub>2</sub> O)	< 2
Manganese Oxide (MnO)	< 1
Phosphorous Pentoxide (P <sub>2</sub> O <sub>5</sub> )	< 1
Carbon Dioxide (CO <sub>2</sub> )	< 1
Sulphur Trioxide (SO <sub>3</sub> )	< 1
Ferrous Oxide (FeO)	< 1

TYPICAL TRACE METAL ANALYSIS	
Metal	Typical content (mg/kg)
Chromium (Cr)	< 5
Lead (Pb)	< 2
Arsenic (As)	< 1
Cadmium (Cd)	< 1

## PUMICE SAND 55 MESH

<b>Function</b>	:	Cosmetic ingredient for topical use
<b>Shelf Life</b>	:	60 months (when unopened and stored correctly)
<b>Animal Testing</b>	:	This product has never been tested on animals either by us, or on our behalf
<b>Derivation</b>	:	Mineral
<b>EU / UK REACH</b>	:	Exempt under Annex V (paragraph 7)
<b>CMR</b>	:	Carcinogenic, mutagenic or reprotoxic ingredients not used or expected to be present
<b>SVHC</b>	:	Substances of Very High Concern listed on SPEC or MSDS where applicable/available
<b>Allergens</b>	:	Relevant levels of the 26 EC-specified fragrance allergens not expected
<b>Nanoparticles</b>	:	Intentionally-manufactured nanoparticles not expected to be present
<b>PROP 65</b>	:	Based on our current knowledge, this product is not expected to contain any chemicals listed by the OEHHA as carcinogenic or reprotoxic
<b>Palm oil derivatives</b>	:	None
<b>Additives</b>	:	None
<b>Nuts / derivatives</b>	:	No testing is carried out to determine an absolute absence but, unless listed as an ingredient, nuts are not expected to be present in this product
<b>Animal derivatives</b>	:	No animal-derivatives * were used in the manufacture of this material or its ingredients at any stage, neither is there any risk of cross-contamination
<b>Gluten</b>	:	Not derived from wheat, rye or barley and gluten protein is therefore is not expected to be present
<b>BSE/TSE</b>	:	N/A (product contains no animal-derived materials)
<b>CITES</b>	:	N/A (mineral product)
<b>Pesticides</b>	:	Not expected to be present
<b>Halal</b>	:	This product is free from animal-derived ingredients and alcohol and is not at risk of contamination by either
<b>ISO 16128</b>	:	Natural index (I <sub>n</sub> ) = 1.0                      Organic index (I <sub>o</sub> ) = 0 Natural origin index (I <sub>no</sub> ) = 1.0            Organic origin index (I <sub>oo</sub> ) = 0

\* Includes all vertebrates and multi-cellular invertebrates

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

#### 1.1. Product identifier

Product form : Substance  
Trade name : PUMICE STONE BODY 55 MESH :  
CAS-No. 1332-09-8

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

##### 1.2.1. Relevant identified uses

No additional information available

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Madar Corporation Limited  
19 - 20 Sandleheath Industrial Estate, Fordingbridge, SP6 1PA  
Tel: +44 (0)1425 655 555  
Eml: technical@madarcorporation.co.uk

#### 1.4. Emergency telephone number

Emergency number : +44 (0)1425 655 555 (UK office hours only)

### 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]

No labelling applicable

#### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name : Pumice  
CAS-No. : 1332-09-8

#### 3.2. Mixtures

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Consult a doctor/medical service if you feel unwell.

# PUMICE STONE BODY 55 MESH

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 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 : Water spray. Dry powder. Foam.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

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### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### 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
Colour	: Not available
Appearance	: Granular solid.
Odour	: Odourless.
Odour threshold	: Not available
Melting point	: ~ 1200 °C
Freezing point	: Not applicable
Boiling point	: Not available
Flammability	: Non flammable.
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable



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Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: 7 – 8
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not applicable
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: 7 – 8
Serious eye damage/irritation	: Not classified pH: 7 – 8
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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### PUMICE SAND 55 MESH (1332-09-8)

Viscosity, kinematic : Not applicable

#### 11.2. Information on other hazards

No additional information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### 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

No additional information available

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

#### 14.1. UN number or ID number

UN-No. (ADR) : Not regulated  
UN-No. (IMDG) : Not regulated  
UN-No. (IATA) : Not regulated

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated  
Proper Shipping Name (IMDG) : Not regulated  
Proper Shipping Name (IATA) : Not regulated

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : Not regulated

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### IMDG

Transport hazard class(es) (IMDG) : Not regulated

### IATA

Transport hazard class(es) (IATA) : Not regulated

### 14.4. Packing group

Packing group (ADR) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (IATA) : Not regulated

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

##### REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

##### POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

##### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

No additional information available

AEC\_SDS\_2023.2

## PUMICE SAND 55 MESH

Pumice is a natural alumino-silicate of volcanic origin. Being inert and extremely brittle with a sharp conchoidal fracture, pumice is recommended as a mild abrasive.

<b>INCI LISTING</b>	:	Pumice
<b>CAS NUMBER</b>	:	1332-09-8
<b>APPEARANCE</b>	:	Granules

### TYPICAL PROPERTIES

<b>HARDNESS (Mohs)</b>	:	~ 6
<b>MELTING POINT (°C)</b>	:	~ 1200
<b>pH VALUE</b>	:	7 to 8
<b>TRUE DENSITY (g/cm<sup>3</sup>)</b>	:	2.3 to 2.4
<b>APPROXIMATE PARTICLE SIZE (microns)</b>	:	100 to 300