



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.

| | | |
|--|---|--------------------------------|
| BATCH NUMBER | : | 4535103 |
| BEST BEFORE END | : | February 2027 |
| INCI LISTING | : | Pumice |
| CAS NUMBER | : | 1332-09-8 |
| APPEARANCE | : | Granules |
| <u>TYPICAL PROPERTIES</u> | | |
| HARDNESS (Mohs) | : | 5 to 6 > 1000 7 to 8 |
| MELTING POINT (°C) | : | 2.3 to 2.4 |
| pH VALUE | : | <u>% Passing</u> |
| TRUE DENSITY (g/cm³) | : | |
| <u>TYPICAL SIEVE ANALYSIS (MICRONS)</u> | | |
| 300 | : | 100 |
| 250 | : | > 70 |
| 125 | : | < 8 |



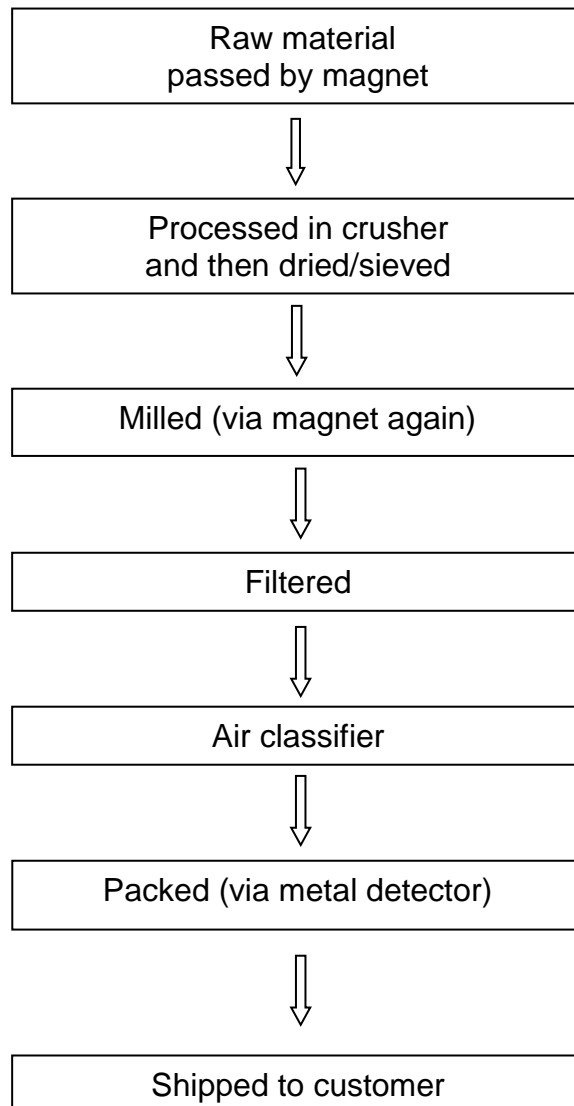
VERSION: 1.2, 12/02/2018

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 ₂) | 70 to 75 |
| Aluminium Oxide (Al ₂ O ₃) | 11 to 16 |
| Sodium Oxide (Na ₂ O) | 3 to 5 |
| Potassium Oxide (K ₂ O) | 3 to 5 |
| Combined Water (H ₂ O+) | 3 to 5 |
| Ferric Oxide (Fe ₂ O ₃) | < 2 |
| Magnesium Oxide (MgO) | < 2 |
| Calcium Oxide (CaO) | < 2 |
| Titanium Dioxide (Ti ₂ O) | < 2 |
| Manganese Oxide (MnO) | < 1 |
| Phosphorous Pentoxide (P ₂ O ₅) | < 1 |
| Carbon Dioxide (CO ₂) | < 1 |
| Sulphur Trioxide (SO ₃) | < 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

| | | |
|-----------------------------|---|--|
| Function | : | Cosmetic ingredient for topical use |
| Shelf Life | : | 60 months (when unopened and stored correctly) |
| Animal Testing | : | This product has never been tested on animals either by us, or on our behalf |
| Derivation | : | Mineral |
| EU / UK REACH | : | Exempt under Annex V (paragraph 7) |
| CMR | : | Carcinogenic, mutagenic or reprotoxic ingredients not used or expected to be present |
| SVHC | : | Substances of Very High Concern listed on SPEC or MSDS where applicable/available |
| Allergens | : | Relevant levels of the 26 EC-specified fragrance allergens not expected |
| Nanoparticles | : | Intentionally-manufactured nanoparticles not expected to be present |
| PROP 65 | : | Based on our current knowledge, this product is not expected to contain any chemicals listed by the OEHHA as carcinogenic or reprotoxic |
| Palm oil derivatives | : | None |
| Additives | : | None |
| Nuts / derivatives | : | 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 |
| Animal derivatives | : | 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 |
| Gluten | : | Not derived from wheat, rye or barley and gluten protein is therefore is not expected to be present |
| BSE/TSE | : | N/A (product contains no animal-derived materials) |
| CITES | : | N/A (mineral product) |
| Pesticides | : | Not expected to be present |
| Halal | : | This product is free from animal-derived ingredients and alcohol and is not at risk of contamination by either |
| ISO 16128 | : | Natural index (I _n) = 1.0 Organic index (I _o) = 0 Natural origin index (I _{no}) = 1.0 Organic origin index (I _{oo}) = 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.

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

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

PUMICE STONE BODY 55 MESH

Safety Data Sheet

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

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.

| | | |
|---------------------|---|-----------|
| INCI LISTING | : | Pumice |
| CAS NUMBER | : | 1332-09-8 |
| APPEARANCE | : | Granules |

TYPICAL PROPERTIES

| | | |
|--|---|------------|
| HARDNESS (Mohs) | : | ~ 6 |
| MELTING POINT (°C) | : | ~ 1200 |
| pH VALUE | : | 7 to 8 |
| TRUE DENSITY (g/cm³) | : | 2.3 to 2.4 |
| APPROXIMATE PARTICLE SIZE (microns) | : | 100 to 300 |