

AKÖMA™

FROM THE HEART

Material Safety Data Sheet

EU Regulation: 1907/2006

| SECTION 1: Identification of the substance/mixture and of the company/undertaking | | | | | |
|---|---|---------------|------------|-------------------|------------|
| 1.1 | | | | | |
| Product Identification | | | | | |
| Product Name | Pumice Powder | | | | |
| Biological Definition | Pumice is a light weight natural alumina silicate of volcanic origin, light grey in colour. An inert, pozzalanic, foamed mineral exhibiting high mechanical strength and low density. | | | | |
| INCI Name | Pumice | | | | |
| CAS-No | 1332-09-8 | EC No. | Not Listed | EINECS No. | Not Listed |
| REACH Status | Exempt | | | | |
| 1.3 | | | | | |
| Details of the supplier of the safety data sheet | | | | | |
| Company Address | Akoma International (UK) LTD Unit 9A Sawley Park Nottingham Road Derby DE21 6AS United Kingdom | | | | |
| Email | technical@akoma.biz | | | | |
| 1.3 | | | | | |
| Details of the supplier of the safety data sheet | | | | | |
| Emergency Contacts | Mr. Wynn Mensah – Tel: 01332 613 967 | | | | |

| SECTION 2: Hazards Identification | |
|--|--|
| 2.1 | |
| Classification of the substance or mixture <i>The full text for all hazard statements are displayed in Sec.16</i> | |
| Classification (EU1272/2008) | Not classed as a hazardous substance. |
| 2.2 | |
| Label Elements | Label in accordance with Regulation (EC) No 1272/2008. |
| GHS Label: | Not classed as a hazardous substance. |
| Signal Word | N/A |
| Contains | N/A |
| Hazards Statement | N/A |

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|---|-------------------------------|
| Precautionary Statements | N/A |
| Supplementary Precautionary Statements | N/A |
| 2.3 Other Hazards | |
| PBT or vPvB according to Annex XIII | No additional data available. |
| Adverse physio-chemical properties | No additional data available. |
| Adverse effects on human health | No additional data available. |
| SECTION 3: Composition of Ingredients | |
| 3.1 MIXTURE | N/A |

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| SECTION 4: First Aid Measures | |
| 4.1 Description of First Aid Measures | |
| Inhalation | Remove from the exposure to fresh air. Obtain medical advice if necessary. |
| Ingestion | In the event of accidental ingestion rinse mouth with water. Obtain medical advice if necessary. |
| Skin contact | Wash skin with soap and water. |
| Eye contact | Do not rub eye. Rinse with copious quantities of water and seek medical attention if irritation persists. |
| 4.2 Most important symptoms & effects (Acute & Delayed) | No additional data available. |
| 4.3 Indication of any immediate medical attention or special treatment required | No additional data available. |

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| SECTION 5: Fire Fighting Measures | |
| 5.1 Extinguishing material | The product is non-combustible. No specific extinguishing media is needed. |
| 5.2 Special hazards arising from the Product | No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire. |
| 5.3 Advice for fire-fighters | No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire. |

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| SECTION 6: Accidental Release Measures | |
| 6.1 Personal precautions, protective equipment and emergency procedures | Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation. |
| 6.2 Environmental precautions | Do not discharge into drains, water courses or onto the ground. |
| 6.3 Methods & material for containment and cleaning up | Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation. |
| 6.4 | |

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|------------------------------|------------------------|
| References to other sections | See sections 8 and 13. |
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SECTION 7: Handling & Storage

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| 7.1 Precautions for safe-handling | Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16. Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas. |
| 7.2 Conditions for safe storage, including any incompatibilities | Store in a dry covered area. Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting. |
| 7.3 Specific end use(s) | No additional data available. |

SECTION 8: Exposure Controls & Personal Protection

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|---------------------------------|---|
| 8.1 Control Parameters | Name STD TWA - 8 Hrs STEL - 15 Min Mica 10 mg/m ³ Total Dust 4.00 mg/m ³ Respirable Dust |
| 8.2 Exposure Controls | |
| Protective equipment |  |
| Process Conditions | No additional data available. |
| Engineering Measures | Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing. |
| Respiratory Equipment | In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment that complies with the requirements of European or national legislation. |
| Hand Protection | PVC or rubber gloves are recommended. |
| Eye Protection | Goggles/face shield are recommended. Contact lenses should not be worn when working with this product. |
| Other Protection | No additional data available. |
| Hygiene Measures | Good personal hygiene practices are always advisable, especially when working with chemicals / oils. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. |
| Personal Protection | No additional data available. |
| Skin Protection | Use appropriate skin cream to prevent drying of skin. |
| Environmental Exposure Controls | No additional data available. |

SECTION 9: Physical & Chemical Properties

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| 9.1 Physical & Chemical Properties | |
| Appearance | Grainy powder |
| Colour | Light grey |
| Odour | Odourless. |
| Specific Gravity @ 20°C | No additional data available. |
| Refractive Index @ 20°C | No additional data available. |
| Flash Point (°C) | No additional data available. |
| Melting Point (°C) | No additional data available. |

| | |
|---------------------------------------|-------------------------------|
| Boiling Point (°C) | No additional data available. |
| Vapour Pressure | No additional data available. |
| Solubility in Water @20°C | No additional data available. |
| Auto-ignition temperature (°C) | No additional data available. |
| 9.2 Other Information | No additional data available. |

SECTION 10: Stability & Reactivity

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| 10.1 Reactivity | No additional data available. |
| 10.2 Chemical stability | Stable under normal temperature conditions and recommended use. |
| 10.3 Possibility of hazardous reactions | No additional data available. |
| 10.4 Conditions to avoid | No additional data available. |
| 10.5 Incompatible materials | No additional data available. |
| 10.6 Hazardous decomposition products | No additional data available. |

SECTION 11: Toxicological Information

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| 11.1 Toxicological effects | |
| Acute Toxicity | No additional data available. |
| Skin irritation | Prolonged contact may cause dryness of the skin. |
| Eye damage or irritation | Particles in the eyes may cause irritation and smarting. |
| Respiratory or skin sensitivity | Prolonged inhalation of high concentrations may damage respiratory system. |
| Germ cell mutagenicity | No additional data available. |
| Carcinogenicity | No additional data available. |
| Reproductive toxicity | No additional data available. |
| STOT – single exposure | No additional data available. |
| STOT – repeated exposure | No additional data available. |
| Aspiration hazard | No additional data available. |
| Photo-toxicity | No additional data available. |
| Other information: | No additional data available. |

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SECTION 12: Ecological Information

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| 12.1 Toxicity | We are not aware that they pose any toxic threat to the environment. |
| 12.2 Persistence & degradability | No additional data available. |
| 12.3 Bio- accumulative potential | No additional data available. |
| 12.4 Mobility in soil | No additional data available. |
| 12.5 Results of PBT & VPVB assessment | No additional data available. |
| 12.6 Other adverse effects | No additional data available. |

SECTION 13: Disposal Information

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| 13.1 Waste treatment methods | This mineral can be disposed of as a non-toxic/inactive material in approved landfill sites in accordance with local regulations. Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company. |
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SECTION 14: Transport Information

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| 14.1 Transport Information | |
| UN Number | UN No. Road Not bound under transport regulations. UN No. Sea Not bound under transport regulations. UN No. Air Not bound under transport regulations. |
| UN proper shipping name | Not bound under transport regulations. |
| 1 Transport hazard class(es) | Not bound under transport regulations. |
| Packing group | Not bound under transport regulations. |
| Environmental hazards Marine pollutant | Not bound under transport regulations. |
| Special precautions for user | Not bound under transport regulations. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not bound under transport regulations. |
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SECTION 15: Regulatory Information

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| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture |
| Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG (108). |

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EU Legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2

Chemical Safety Assessment

No additional information available.

SECTION 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

| Abbreviations & Acronyms: | |
|---------------------------|--|
| MSDS | Material Safety Data Sheet. |
| IATA | International Air Transport Association |
| CAS | Chemical Abstract Service. |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| IMDG | International Maritime code for Dangerous Goods. |
| ADR | Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road). |
| ADN | International Carriage of Dangerous Goods by Inland Waterways. |
| PNEC | Predicted No-Effect Concentration (REACH) |
| LC50 | Lethal concentration, 50 percent |
| LD50 | Lethal dose, 50 percent |
| Eye Irrit. 2 | Serious eye damage/eye irritation – Category 2 |

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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