

DRYDEN AQUA LTD**Safety Data Sheet 1**

According to Regulation (EC) No. 1907/2006
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Section 1 – Identification of the substance/mixture and of the company/undertaking

Product name AFM Filter Media

Product number Grade 0 – 5.1.00.00, Grade 1 – 5.1.00.10, Grade 2 – 5.1.00.20, Grade 3 – 5.1.00.30

Company Dryden Aqua Ltd
 Butlerfield Industrial Estate.
 Bonnyrigg
 Edinburgh,
 EH19 3JQ
 United Kingdom

Telephone +44 (0)18758 22222
 Fax +44 (0)18758 22229
 Emergency Phone +44 (0)18758 22222
 E-mail address aqua@drydenaqua.com

Section 2 - Hazards Identification**Classification of the substance or mixture**

According to Regulation (EC) No1272/2008 Directive 1999/45/EC

Non Hazardous

Section 3 - Composition, Information on Ingredients

Chemical Name	CAS no.	EC No	Index-No	Classification	Concentration
Activated amorphous aluminosilicate (Typical oxide analysis 72.2% SiO ₂ , 13.3% Na ₂ O, 10.9% CaO, 1.65% MgO, 1.5% Al ₂ O ₃)	65997-17-3	266-046-0	-	-	

Section 4 - First Aid Measures**General advice**

Unlikely to be hazardous if handled correctly. Ensure eye bath is available.

If inhaled

Exposure may cause irritation to the mucus membranes. Remove person into fresh air. Breathing may be hindered or stopped by large quantities blocking the airways, seek medical attention immediately.

In case of skin contact

If irritation does occur wash the affected area with plenty of soapy water.

In case of eye contact

Contact with eyes may causes irritation. Rinse thoroughly with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

If swallowed

Non-toxic. Wash out mouth with water. Swallowing large quantities could cause physical damage / discomfort. In the event of this happening seek medical attention.

Section 5 - Fire Fighting Measures

Non-combustible. Use extinguishing media suited to surrounding conditions.

Special protective equipment for fire-fighters

In case of excess dust, use self-contained breathing apparatus & protective clothing to prevent inhalation and contact with eyes and skin.

Section 6 - Accidental Release Measures**Personal precautions**

Avoid dust formation. Avoid breathing fine dust. In the case of exposure to airborne dust concentrations exceeding regulatory limits (see section 8) wear suitable respiratory protection.

Environmental precautions

No danger.

Methods and materials for containment and cleaning up

If sweeping up dampen spillage with water to avoid airborne dust formation otherwise use mechanical means to prevent airborne dust formation. Transfer to a closable, labelled container for disposal by an appropriate method.

Section 7 - Handling and Storage**Precautions for safe handling**

No special precautions should be necessary. Avoid the generation of airborne dust. Provide sufficient ventilation at places where airborne dust is generated.

Conditions for safe storage

Store in cool (room temperature), dry place..

Section 8 - Exposure Controls, Personal Protection**Engineering Controls**

Dust extraction to comply with COSHH Regulation 1988.

Exposure Control Limits

ACGIH TLV-TWA: 10 mg/m³ (total dust)

5 mg/m³ (respirable dust)

No free SiO₂, all components are amorphous/non-crystalline.

Respiratory protection

Dust mask as routine. If dust concentration exceeds recommended permissible exposure limits, use respirators to an approved standard (NIOSH / MSHA).

Eye protection

Safety glasses or goggles (tightly fitting recommended) to an approved standard. Ensure eye bath is available.

Skin and body protection

Protective garments, as appropriate. Plastic or rubber gloves.

Hygiene measures

Wash hands before breaks and immediately after handling the product.

Section 9 - Physical and Chemical Properties**Appearance**

Form Free flowing green particles (may also contain low levels of other coloured glass)
Colour Green

Safety data

Odour Odourless
Melting point about 730°C
Specific gravity approximately 2.5 g/m³ (20°C)
Solubility Insoluble

Section 10 - Stability and Reactivity

Chemical stability

Stable under normal conditions. No dangerous reactions or decomposition products known.

Conditions to avoid

None

Materials to avoid

Hydrofluoric acid, fluorosilicic acid, phosphoric acid and hot strong alkaline solutions.

Hazardous decomposition products

None

Section 11 - Toxicological Information

Toxicity values

Specific data on LD50 or LC50 values has not been found. Information available indicates the material is non-toxic.

Long term exposure

No known effects experienced in long term and repeated exposure.

Routes of exposure

Refer to section 4, First Aid Measures for routes of exposure and effects

Section 12 - Ecological Information

Considered non-hazardous provided the material is handled and disposed of with care and attention.

No other data available.

Section 13 - Disposal Considerations

Product

As an inert material, an approved solid waste disposal or landfill site may be used.

Observe all local and national environmental regulations

Section 14 - Transport Information

No special precautions required. Material classified as non-hazardous.

Section 15 - Regulatory Information

Hazard symbol: None. Not classified as hazardous for supply.

Water-hazard class Not hazardous for water.

EC Classification: Not classified as dangerous under EC criteria (According to the EU-directive 37/548/EG and 199/45/EG)

Section 16 - Other Information

Wear and use personal protection equipment as appropriate to the situation and quantity of material handled.

Further information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

OTHER INFORMATION

The information contained in this leaflet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. Provided our products are handled and used in accordance with the advice given, they should offer no hazard to health and safety.