

MATERIAL SAFETY DATA SHEET No. 1

DRYDEN AQUA LTD ISSUE : 2 REVISION : 0 DATE : 12.02.07 No. of pages : 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	5.1.0.0, 5.1.0.1 and 5.1.0.2
Trade Name	Active Filtration Media (AFM)
Manufacturer	Dryden Aqua Ltd
Address	Butlerfield Industrial Estate (Newtongrange) Bonnyrigg, Edinburgh, EH19 3JQ, Scotland
Telephone Number	01875 822222
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2. PRODUCT COMPOSITION

Product Type	100% glass grain from recycled glass
Product	Grade 0 > 90% of grains > 0.25mm < 0.50mm
	Grade 1 > 90% of grains > 0.50mm < 1.00mm
	Grade 2 > 90% of grains > 1.00mm < 2.00mm
CAS Number	65997-17-3
EINECS Number	226-046-0
Harmonised Customs Code	3207408090

3. HAZARD IDENTIFICATION

Nuisance dust concern only. Dust, in excess of recommended exposure limits, may be irritating to respiratory system. In case of insufficient ventilation, wear suitable respiratory, eye and skin protection equipment

DO NOT USE AFM FOR DRY SAND BLASTING.

4. FIRST AID MEASURES

Summary	Unlikely to be hazardous if handled correctly Ensure eye bath is available.
Inhalation	Remove to fresh air, give water to drink
Skin Contact	Wash thoroughly with soap in running water
Eye Contact	Contact with eyes may cause irritation. Irrigate eyes with copious amount of water. Seek medical attention if irritation persists.
Ingestion	Wash out mouth thoroughly with water. In severe cases, seek medical attention
Contaminated clothing	Wash before reuse

5. FIRE FIGHTING MEASURES

Hazard	Non-combustible. Use extinguishing media suited to surrounding conditions. Spillage may result in slippery conditions.
Special fire fighting procedures	In case of excess dust, use self-contained breathing apparatus & protective clothing to prevent inhalation and contact with eyes and skin

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid breathing fine dust. Wear suitable protective clothing. Spillage may result in slippery conditions.
Environmental Precautions	No danger.
Methods for Cleaning	Sweep up with a minimum of dusting, If possible, use a vacuum system and / or spray water to reduce air-borne dust. Wash spillage site after pick up.

7. HANDLING AND STORAGE

Handling Assess	No special precautions should be necessary. Assess manual handling requirements.
Storage	Refer to Accidental Release Measures (above) Store in cool (room temperature), dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Dust extraction to comply with COSH Regulations 1988.
Exposure Control Limits	ACGIH TLV-TWA : 10 mg / m ³ (total dust) : 5 mg / m ³ (respirable dust)
Respiratory Protection	No free SiO ₂ , all components are amorphous/non-crystalline 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 (tight fitting recommended) to an approved standard. Ensure eye bath is available.
Skin Protection	Protective garments, as appropriate. Plastic or rubber gloves
Ventilation	Mechanical exhaust required in situations where dust levels exceed recommended exposure limits
Handling	No special precautions should be necessary. Exposure controls/personal protection to be appropriate to the situation and the quantity handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Free flowing brown or green particles
Physical state	Solid
Odour	Odourless
pH	N/A
Boiling point / Range	N/A
Melting Point	about 730°C
Auto Flammability	N/A
Explosive Properties	N/A
Oxidising Properties	N/A
Vapour Pressure	N/A
Specific gravity	approximately 2.5 g / m ³ (20°C)
Flash Point (C) (closed or open cup)	N/A
Flammability (Gas/solid)	N/A
Solubility (water and fat)	Insoluble
Other	None

10. STABILITY AND REACTIVITY

Conditions to avoid	None
Materials to avoid	Hydrofluoric Acid, fluorosilicic and phosphoric acids and hot strong alkaline solutions
Hazardous decomposition products	None

11. TOXICOLOGICAL INFORMATION

Acute effects. May be harmful by inhalation or ingestion. Material is irritating to mucous membranes and upper respiratory tract.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Hazardous properties are relatively improbable.

12. ECOLOGICAL INFORMATION

Considered non-hazardous provided the material is handled and disposed of with care and attention.
No other data available.

13. DISPOSAL CONSIDERATIONS

As an inert material, an approved solid waste disposal or landfill site may be used. Observe all local and national environmental regulations.

14. TRANSPORT INFORMATION

No special precautions required. Non hazardous CDG UK, IMDG, ICAO / IATA

15. REGULATORY INFORMATION

Supply Label Information	Not classified. The following risk and safety phrases are recommended : R36: irritating to the eyes R37 : irritating to the respiratory system S36 : wear suitable protective clothing
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16. OTHER

Training Advice	Wear and use personal protection equipment as appropriate to the situation and quantity of material handled.
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Material Safety Data Sheet complied in accordance with EU Commission Directive 93/112/EC.

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