



Aquamin™ - natural marine minerals for health

1. Product and Company Identification

BOTANICAL NAME: *Lithothamnion Sp.*

SYNONYMS/
TRADE NAMES: Aquacal®, Aquamin®F, Aquamin®TG, Aquacal®TG

SUPPLIED BY: Marigot Ltd.,
Strand Farm, Tel: +353 21 4378727
Currabinny, Fax: +353 21 4378588
Carrigaline,
Co. Cork.
Ireland.

2. Composition Information on Ingredients

Aquacal®, Aquamin®F, Aquamin®TG, Aquacal®TG comprises a mineralised seaweed extract (sp. *Lithothamnion*) with the principal mineral constituent being Calcium Carbonate.

3. Hazards Identification

Prolonged exposure to powdered products may cause irritation to eyes and lungs.

4. First Aid Measures

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	Mild Irritation	Remove from exposure. If symptoms continue seek medical attention.
Eye Contact	Irritation	Rinse thoroughly with water for at least 15 minutes. If irritation persists seek medical attention

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<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Ingestion	Mild Irritation	Wash out mouth with water. If patient feels unwell seek medical attention.

5. Fire Fighting Procedures.

Does not support combustion.

Suitable Fire Extinguishing Media	Standard media such as powder, foam or water are suitable.
Hazardous Combustion Products.	N/A

6. Accidental Release Measures

Safety Precautions	Use goggles, dust mask and gloves as per GMP, particularly in instances of high dust concentration.
Clean up procedure	Shovel, sweep, vacuum.

7. Handling & Storage

Appropriate measures should be taken to avoid formation of dust. Local exhaust recommended if handling large quantities. Store in a cool, dry area.

8. Exposure Controls/Personal Protection.

Personal Protective Equipment:

Respiratory Protection:	Approved dust mask in high dust concentrations.
Hand:	Gloves
Eye:	Goggles
Skin:	Overalls



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9. Physical & Chemical Properties

Appearance

Aquacal®	Off-White, fine, odourless powder.
Aquamin®F	Off-White, fine, odourless powder
Aquamin®TG	Off-White/Cream Beige, free flowing granules.
Aquacal®TG	Off-White/Cream Beige, free flowing granules.

Thermostability Temperature	350°C
Decomposition Temperature	>850°C
Flashpoint	Not applicable.
Flammability	Does not support combustion
Solubility	Insoluble in water, alcohol and most organic solvents.

10. Stability & Reactivity

Stability	Stable under normal conditions.
Potentially hazardous reactions	Reacts with acids liberating Carbon Dioxide
Conditions to avoid	N/A
Materials to avoid	Acids.

11. Toxicological Information

Local Effects	Fine powders may irritate the upper respiratory tract, prolonged skin contact may cause irritation to the eyes. Unlikely to be hazardous if swallowed.
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12. Ecological Information

Environmental Effects	Insoluble in water and can easily be separated from aqueous systems by sedimentation or filtration.
Aquatic Toxicity	N/A

13. Disposal Considerations

Landfill	Comply with local authority regulations.
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14. Transport Information

Not regulated as this product is not classified as dangerous goods.
The Tariff code for Aquamin F is 1212 2100 00
The Tariff code for Aquamin TG is 1212 2900 00

15. Regulatory Information

No risks or hazards. Not regulated. Conform with local authority regulations.

16. Other Information

These products are intended for use as food ingredients and in dietary supplements.

The information provided in the MSDS is correct to the best of our knowledge, information and belief at the date of its publication and is in our opinion consistent with the state of general scientific and technical knowledge at that date. MARIGOT LTD. cannot accept liability for any loss, injury or damage, which may result from its use.

In compiling this MSDS we have taken into account all proper applications of the material of which we are aware. It is the responsibility of any intermediate supplier to ensure that the information contained in this MSDS is passed to the ultimate user.