



Calcified Seaweed

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

1.1 Name of Product

Calcified Seaweed

1.2 Use of the Substance/Preparation

Soil Conditioner

1.3 Manufacturer/Distributor

Thomas Elliott (Fertilisers)
Selby Place
Stanley Industrial Estate
Skelmersdale
WN8 8EF
Tel: 01695 51875
Email: info@thomas-elliott.co.uk

1.4 Emergency Contact

Tel: 01695 51875 (Office Hours)

2. HAZARDS IDENTIFICATION

2.1 Classification

Classification according to Directive EC 1272/2008 Classification, Labelling and Packaging.

Physical hazards

Not Classified

Health hazards

Not Classified

Environmental hazards

Not Classified

2.2 Label elements

Not Applicable

2.3 Other hazards

Substance not classed as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Calcified seaweed – *Lithothamnium calcareum*, an underwater calcareous algae, in the family

Corallinacea

Calcium Oxide, (CaO₂) content 42.5%

Magnesium Oxide, (MgO) 2.5%

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye contact – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If Irritation Persists, seek medical advice.

Skin contact – Wash exposed areas of skin with soap and water.

Ingestion – Wash out mouth with water and drink plenty of water. Seek medical attention if large quantities ingested.

Inhalation – Remove to fresh air.

4.2 Most important symptoms and effects, both acute and delayed

Eye Contact: Not available

Skin Contact: Not available

Ingestion: Not available

Inhalation: Not available

4.3 Indication of immediate medical attention and special treatment needed

Not Available

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Use foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable. As such extinguishing media appropriate for surrounding materials should be chosen.

5.2 Special hazards arising from substance or mixture

No hazardous combustion products are known.

5.3 Advice for firefighters

Contain spread of extinguishing fluids. In the case of a fire, wear self-contained breathing apparatus in confined spaces.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

Avoid raising dust.

6.2 Environmental precautions

Avoid contamination of water courses.

6.3 Methods and material for containment and cleaning up:

Sweep up and shovel product or use other means and place in container for reuse (preferred) or disposal.

7. HANDLING & STORAGE

7.1 Precautions for Safe Handling

No special handling advice required. Follow general Industrial Hygiene practice. Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for Safe Storage

Keep in a cool, well-ventilated place.

No special restrictions on storage with other products.

Stable under recommended storage conditions.

Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use

No data available

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basic
Natural Calcium	1317-65-3	TWA (Inhalable dust)	10 mg/m ³	GB EH40
Carbonate		TWA (Respirable dust)	4 mg/m ³	GB EH40

8.2 Exposure Controls:

Personal protective equipment

Appropriate engineering controls	No specific recommendations.
Eye/face protection	Safety Glasses.
Hand Protection	For prolonged or repeated contact use protective gloves.
Other Skin and body protection	protective overalls.
Hygiene measures	No specific recommendations.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with a particle filter P2 (EN 143).

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance	Off- white Powder, Granular
Odour	Characteristic
pH	Not available
Boiling point	Not available
Melting point	Not available
Flash point	Not available
Flammability	The product is not flammable.
Autoflammability	n/a
Explosivity	n/a
Oxidising properties	n/a
Vapour Pressure	n/a
Bulk density	Not available
Solubility	Not available

9.2 Other Information:

No data available

10. STABILITY & REACTIVITY

10.1 Reactivity

Stable.

10.2 Stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Stable under recommended storage conditions.

10.4 Conditions to Avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous Decomposition Products

None.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute toxicity

This product is not subject to classification according to calculation method of the General EU Classification Guidelines for Preparation. When handled and used as directed, there are no harmful effects anticipated.

Skin corrosion/irritation

According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/irritation

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory sensitisation

No data available

Skin sensitisation

No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Natural product expected to pose no hazard to the environment.

12.2 Persistence and degradability

Biodegradability: not applicable

12.3 Bioaccumulative potential

Partition coefficient: not applicable

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

12.6 Other adverse data

None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable material to a licensed disposal company.

Contaminated Packaging

Empty remaining content. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

14.1 UN-Number

ADR, IMDG, IATA Not applicable

14.2 UN proper shipping name

ADR, IMDG, IATA Not applicable

14.3 Transport hazard class (es)

ADR, IMDG, IATA Not applicable

14.4 Packaging Group

ADR, IMDG, IATA Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific to this substance:

Not applicable

15.2 Chemical Safety Assessment

Not undertaken for this material

16. OTHER INFORMATION

Abbreviations

IMDF: International Maritime Dangerous Goods

IATA: International Air Transport Association

ADR/RID: Agreement on the transport of dangerous goods by road/Regulations on the international transport of dangerous goods by rail

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specified material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.