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

1.1 Product Identifier	CALCIFIED SEAWEED
1.2 Use of the substance/preparation	Soil conditioner.
1.3 Company identification	Vitax Limited Owen Street Coalville LE67 3DE Tel: 01530 510060 Fax: 01530 510299 Email: info@vitax.co.uk
1.4 Emergency telephone	Tel: +44 (0) 1530 510060 during office hours

2. HAZARDS IDENTIFICATION

2.1 Classification:	Classification (REGULATION (EC) No 1272/2008) Not a hazardous substance or mixture.
2.2 Label elements	Labelling (REGULATION (EC) No 1272/2008) Not a hazardous substance or mixture.
2.3 Other hazards	Contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture	Calcified seaweed - <i>Lithothamnium calcareum</i> , an underwater calcareous alga, in the family, Corallinacea Calcium oxide, (CaO ₂) content 42.5%. Magnesium Oxide (MgO) content 2.5%
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4. FIRST AID MEASURES

4.1 Description of First Aid Measures	
If inhaled	Move to fresh air in case of accidental inhalation of dust.
In case of skin contact	Wash with soap and water.
In case of 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.
If swallowed	Rinse out mouth with water. Seek medical advice in if large quantities ingested.
4.2. Most important symptoms and effects, both acute and delayed	Not available
4.3 Indication of immediate medical attention and special treatment needed:	Not available.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
5.2 Special hazards arising from the substance or mixture	
Hazardous combustion products	No hazardous combustion products are known
5.3 Advice for firefighters	In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
Personal precautions	Avoid raising dust.
6.2 Environmental precautions	
Environmental precautions	Avoid contamination of water courses.
6.3 Methods and material for containment and cleaning up	
Methods for cleaning up	Sweep and shovel or vacuum up. Keep in suitable, closed containers for disposal.
6.4 Reference to other sections	Not applicable

7. HANDLING AND 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. For personal protection see section 8.
7.2 Conditions for safe storage, including any incompatibilities	Keep container tightly closed in a dry and well-ventilated place.
7.3 Specific end use(s)	no data available

8. PHYSICAL AND CHEMICAL PROPERTIES

8.1 Control parameters

Occupational Exposure Limits

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

8.2 Exposure controls

Personal protective equipment

Eye protection:

Safety glasses

Hand protection

For prolonged or repeated contact use protective gloves.

Skin and body protection:

Protective overalls

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 AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	powder, granular
Colour:	off-white
Odour:	characteristic
pH	Not available
Melting point/range	Not available.
Boiling point/boiling range	Not available.
Flash point	Not available
Flammability (solid, gas)	The product is not flammable.
Upper explosion limit	Not applicable
Lower explosion limit	Not applicable
Vapour pressure	Not applicable
Density	Not available
Solubility	Not available
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
9.2 Other information	no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended storage conditions.
10.2 Chemical 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 Preparations. 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/eye irritation	According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
Respiratory or skin sensitisation	no data available
Further information	no data available



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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: n-octanol/water Not applicable
- 12.4 Mobility in soil** no data available
- 12.5 Results of PBT and vPvB assessment**
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 effects** 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 contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

- 14.1 UN number** Not applicable
- 14.2 UN proper shipping name** Not applicable
- 14.3 Transport hazard class(es)** Not applicable
- 14.4 Packing group** 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 MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals
Not applicable
- REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).
Not applicable
- Regulation (EC) No 1005/2009 on substances that deplete the ozone layer
Not applicable
- Regulation (EC) No 850/2004 on persistent organic pollutants
Not applicable
- Seveso II - Directive 2003/105/EC on the control of major-accident hazards involving dangerous substances
Not applicable
- Seveso III: Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances.
Not applicable
- 15.2 Chemical Safety Assessment** Not conducted for this product

16. OTHER INFORMATION

Reason for revision: Replaces version dated June 2009. Revised format in-line with regulation 453/2010 - all sections updated.

Abbreviations

IMDG: 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, in-formation and belief at the 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 specific 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.