



# OILEAN GLAS TEO

Ballymoon Industrial Estate  
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## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME	SeaVolution Granular
DESCRIPTION	Cut and Dried whole Brown Seaweed mixed with calcified seaweed
MANUFACTURERS NAME AND ADDRESS	Oilean Glas Teoranta Ballymoon Industrial Estate Kilcar Co. Donegal Ireland
PRODUCT TYPE	Mixed Marine Aquatic Plants
CHEMICAL FAMILY	Not Applicable (natural product)

### 2. PRODUCT CONTENT

MATERIAL OR COMPONENT	Whole seaweed particles primary obtained drying of washed fresh brown Algae <i>Ascophyllum nodosum</i> , hand-harvested off the north-west coast of Ireland mixed with dried sieved calcified seaweed <i>Lithothamnion sp.</i> deposits
PRESERVATIVE	none

### 3. USE AND INSTRUCTIONS

PURPOSE	Soil conditioner – Animal feed ingredient
DIRECTION FOR USE	Incorporate with soil amendments products for mineral and carbon sources; Natural supply of Magnesium and more importantly calcium carbonate in soil structure. Contact manufacturer for details of application rates
PACK SIZE	25 Kg to 1 Ton bags

### 4. PHYSICAL-CHEMICAL PROPERTIES

APPEARANCE AND COLOUR	Grey Brownish coarse powder with smaller fast release brown particles
ODOUR	Marine algae odour
pH	1% aqueous solution will correspond to water pH
MOISTURE CONTENT	< 12%

<b>VOLATILE COMPOUNDS</b>	Not applicable (no volatile components)
<b>VAPOUR PRESSURE (mmHg)</b>	Not determined
<b>MELTING POINT (°C)</b>	Not applicable
<b>SOLUBILITY</b>	insoluble in water; partial in alkaline pH
<b>SPECIFIC GRAVITY</b>	1.4
<b>PERSISTENT FOAMING AT 0.2% V/V</b>	Not applicable

## 5. FIRE AND EXPLOSION DATA

<b>FIRE AND EXPLOSION HAZARD</b>	Not applicable
<b>FLASH POINT (Deg.C.)</b>	200
<b>EXPLOSIVE LIMITS IN AIR (% volume)</b>	Not applicable (no explosive component)
<b>AUTO IGNITION TEMPERATURE</b>	300 Deg C
<b>FIRE EXTINGUISHING MEDIA</b>	Foam
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	Not applicable
<b>UNUSUAL FIRE AND EXPLOSION HAZARD</b>	Not applicable

## 6. HEALTH HAZARD INFORMATION

<b>EFFECT ON / OF</b>	
<b>INHALATION</b>	Mild irritation effects to nose and throat may occur from really deep inhalation of the seaweed fine particles – Use dust mask.
<b>EYES</b>	Mild eye irritation may occur in some sensitive individuals due to dust – wear glasses
<b>SKIN</b>	Does not cause irritation to intact skin except for prolonged contact – Use gloves
<b>INGESTION</b>	Small amounts swallowed accidentally are not likely to cause bad effects; large quantities might cause gastrointestinal symptoms

<b>EMERGENCY AND FIRST AID PROCEDURES</b>	
<b>INHALATION</b>	If symptoms such as nose or throat irritation are observed, remove to fresh air – keep aerated
<b>EYES</b>	Use eye wash medium or abundant fresh water to cleanse eye.
<b>SKIN</b>	No treatment necessary – use soap
<b>INGESTION</b>	In case large amounts are swallowed, give two glasses of drinking water and seek medical attention

## 7. ECOLOGICAL DATA

<b>ECOTOXICITY:</b>	Not been determined
<b>BIODEGRABILITY</b>	100% biodegradable (all organic matter)
<b>BIOACCUMULATION</b>	Expected to contribute to BOD

## 8. REACTIVITY DATA

<b>STABILITY</b>	48 months
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	none
<b>HAZARDOUS POLYMERIZATION</b>	none
<b>MATERIALS/SITUATIONS TO AVOID</b>	none
<b>PRODUCTS FORMED WHEN SUBJECTED TO OPEN FLAME AND HIGH TEMPERATURE</b>	Carbon dioxide
<b>CORROSIVENESS</b>	non corrosive
<b>RADIOACTIVITY</b>	none

## 9. SPILLAGE AND DISPOSAL

<b>STEPS TO BE TAKEN IF MATERIAL IS LEAKED OR SPILLED</b>	Shovel or vacuum if dry
<b>WASTE DISPOSAL METHOD</b>	Can be swiped or vacuum cleaned

## 10. PRECAUTIONS FOR HANDLING

<b>VENTILATION REQUIREMENTS</b>	Aerated and ventilated area
<b>RESPIRATORY PROTECTION</b>	Dust mask if sensitive
<b>EYE PROTECTION TYPE</b>	Protection glasses if sensitive
<b>PROTECTIVE GLOVES</b>	Yes if sensitive
<b>PROTECTIVE CLOTHING</b>	No special requirements
<b>GENERAL</b>	No special requirements

## 11. STORAGE AND TRANSPORT

<b>STORAGE</b>	Cool, dry place. Ensure that the product is not exposed to air or direct light.
<b>SHELF LIFE</b>	48 months
<b>HAZCHEM CODE</b>	none
<b>TRANSPORT</b>	n.a.
<b>CLASS</b>	n.a.
<b>SUB RISK CLASS</b>	n.a.

**APPROVED BY TECHNICAL MANAGER**