

Material Safety Data Sheet

(according to 1907/2006/EC)



VIDI FORTUM

Last update: 13/05/2015, Version 1.0

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

- **Product details**
- **Trade name:** Vidi Fortum
- **Application of the preparation:** Water extracts from seaweeds and herbs for use as a soil amendment in agriculture, horticulture and forestry crops
- **Supplier:** Koppert B.V.
Veilingweg 14
2651 BE Berkel en Rodenrijs
- **Telephone:** +31 (0)10-5140444
- **Fax:** +31 (0)10-5115203
- **E-mail:** info@koppert.nl
- **Website:** www.koppert.com
- **Anti poisoning Centre Emergency info:** +31 (0)30-2748888
(Only for use by a Doctor in obtaining information by accidental poisoning)

2 HAZARDS IDENTIFICATION

- **Hazard designation:** None
 - **Information pertaining to particular danger for man and environment:** None
 - **Classification system:** The classification is according to 67/548/EC, 99/45/EC, 2001/58/EC.
- Additional information:**

3 COMPOSITION / INFORMATION ON INGREDIENTS

- **Ingredients:**

Water based seaweed and herbs extracts	CAS n.a.	99%
Humic acids	CAS 1415-93-6	1%

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4 FIRST AID MEASURES

- **Symptoms / effects:** Exposure to product does not cause any acute symptoms.
- **Inhalation:** Move person to fresh air and keep warm.
- **Skin contact:** Rinse thoroughly with water and soap. Take off contaminated clothing.
- **Eye contact:** Rinse opened eye for several minutes (~15 minutes) under running water. If symptoms persist, consult doctor.
- **Ingestion:** Rinse mouth with water. Do not drink water or any other liquid. Do not induce vomiting. Seek medical advice immediately.

5 FIRE FIGHTING MEASURES

- **Special exposure hazards:** None
- **Suitable extinguishing agents:** CO₂, dry chemical powder, foam or water spray.
- **Unsuitable extinguishing agents:** None.
- **Protective equipment:** Wear appropriate protective equipment, eye protection

6 ACCIDENTAL RELEASE MEASURES

- **Person-related safety precautions:** For personal precautions see chapter 8.
- **Measures for environmental protection:** Not required
- **Measures for cleaning/ collecting:** Absorb material in sand or earth absorbent. Sweep up and use as fertiliser on soil
- **Additional information:** None

7 HANDLING AND STORAGE

- **Handling:** When the product is handled in unpacked condition, its quality or purity may be impaired. Avoid skin- and eye contact
- **Information about protection against explosions and fires:** No specific recommendations. The product is not combustible.
- **Storage:** Normal storage for liquid substances. Store in original package cool and dark between 8 - 20°C. Protect from frost.

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- **Exposure limits:** None established. Because of the lack of occupational exposure limits, the following is recommended
- **Personal protection:**
 - ❖ **Respiratory** Don't inhale, don't breath
 - ❖ **Hand** Wear safety gloves
 - ❖ **Eyes** Wear eye protection.
 - ❖ **Skin and body:** Wear protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance, colour, odour** Soluble liquid with atypical odour
- **Boiling point** 100 °C
- **Explosion properties** No explosive properties
- **Flammability** Not flammable
- **Oxidising properties** No oxidising properties
- **pH** 3.8 - 4
- **Solubility in water** soluble

10 STABILITY AND REACTIVITY

- **Stability:** Stable under cool and dark conditions, don't freeze. See section 7.
- **Materials to avoid:** None
- **Conditions to avoid:** Keep away from heat and frost sources
- **Hazardous decomposition products:** none

11 TOXICOLOGICAL INFORMATION

- **Basis for assessment :** Brown algal extract are used for animal and human consumption or herbal remedies.
- **Acute toxicity oral:** LD₅₀ > 2000 mg/kg
- **Acute toxicity dermal:** LD₅₀ > 2000 mg/kg
- **Acute respiratory toxicity:** Not applicable
- **Skin irritation:** Not irritant
- **Eye irritation:** Not irritant
- **Skin sensitisation:** Not sensitising
- **Chronic effects:** Brown algae and herbs extracts are part of food and feed diet.

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12 ECOLOGICAL INFORMATION

- **Basis for assessment:** Water based brown algal extract
- **Mobility:** not applicable due to rapid degradation
- **Persistence / degradability:** biodegradable
- **Bioaccumulation:** low potential due to rapid degradation
- **Acute toxicity aquatic organisms:**
- **Algae (EC10 72h.)** > 30 mg/L
- **Daphnids (NOEC 48h.)** > 100 mg/L
- **Fish (NOEC 96 h.)** 100 mg/L

13 DISPOSAL CONSIDERATIONS

- **Precautions:** Wear suitable protective clothing
- **Product disposal:** Comply with the local legislation regarding recovery or waste disposal
- **Contaminated packaging:** In case of re-use or disposal of contaminated containers, the recipient should be informed with the possible hazards of the preparation.

14 TRANSPORT INFORMATION

Brown algae and herbs extract are not dangerous for transport according to ADR/RID (road transport), IMDG (sea transport) and IATA/ICAO (air transport), TARIC-code: 3101 0000 00 (fertilisers)

15 REGULATORY INFORMATION

- **Label name:** VIDI FORTUM
- **Symbol(s):** None
- **R(isk) phrase(s):** None
- **S(afety) phrase(s):** None

16 OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process.

This document contains important information regarding a safe disposal, handling and use of this product. The information should be brought to the attention of the health / safety / environment-consultant of your organisation. The information from this document should be announced to anyone working with this product. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains to the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.