

# HAPPY SOILS ENERGISE

## Safety Data Sheet (SDS) - Legacy Seaweed Pathway

Revision: | Issue / review date: 24 June 2026

### 1. Identification

<b>Product name</b>	Happy Soils Energise
<b>Other names</b>	Energise Seaweed; Energise Biostimulant
<b>Recommended use</b>	Bio-stimulant / seaweed solution for agricultural, horticultural, turf, nursery and garden applications
<b>Uses advised against</b>	Do not use other than as directed on the product label or technical instructions.
<b>Product supplier</b>	Happy Soils Pty Ltd
<b>ABN</b>	80 661 877 952
<b>Address</b>	5/25 Centre Way, Croydon South VIC 3136, Australia
<b>Telephone</b>	0431 060 155
<b>Email</b>	info@happysoils.com.au
<b>Emergency contact</b>	Poisons Information Centre: 13 11 26 (Australia, 24 hours). Emergency services: 000.

### 2. Hazard(s) identification

This draft applies only where the current Energise formulation is a seaweed solution comparable to the legacy SDS. Based on available information, this product is not classified as hazardous according to GHS as implemented under Australian WHS regulations. Not classified as Dangerous Goods for road/rail, sea or air transport based on available information.

<b>Signal word</b>	None allocated
<b>GHS pictogram</b>	None allocated
<b>Hazard statements</b>	None allocated
<b>Precautionary statements</b>	Avoid eye and prolonged skin contact. Avoid breathing mist/spray. Wash hands after handling. Prevent release to waterways.

### 3. Composition and information on ingredients

Chemical name / ingredient	CAS number	Proportion
Seaweed solution / organic biostimulant solution	Not assigned / mixture	Up to 100%
Components not precisely identified	Not assigned / proprietary	Proprietary or non-hazardous

Exact composition is proprietary. This SDS should not be used for the Microelements formulation.

### 4. First aid measures

- Inhalation: If mist or spray is inhaled, remove person to fresh air. Seek medical advice if symptoms persist.
- Ingestion: Rinse mouth. Do not induce vomiting unless directed. Seek medical advice if symptoms occur.
- Skin contact: Wash affected areas thoroughly with soap and water. Seek medical advice if symptoms develop.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.
- First aid facilities: Eyewash and normal washroom facilities should be available.
- Advice to doctor: Treat symptomatically.

### 5. Fire-fighting measures

Use extinguishing media suitable for surrounding fire including water spray, foam, dry chemical or carbon dioxide. Product is not expected to be flammable. Heating may cause pressure build-up in closed containers. Thermal decomposition may generate carbon oxides and irritating fumes. Wear self-contained breathing apparatus if exposed to fumes.

### 6. Accidental release measures

- Wear protective equipment to prevent skin and eye contact.
- Stop leak if safe. Contain spill with inert absorbent such as sand, soil or vermiculite.
- Collect and place in labelled containers for disposal.
- Wash area with water where runoff can be contained.
- Prevent entry into drains, sewers and waterways.

### 7. Handling and storage

- Avoid skin and eye contact and breathing mist/spray.
- Use with good general ventilation.

- Keep containers closed when not in use.
- Store in a covered, cool, dry, well-ventilated area out of direct sunlight.
- Keep away from incompatible materials and foodstuffs.

## 8. Exposure controls and personal protection

No occupational exposure standards have been established for this mixture. Keep exposure to mist or spray as low as practicable.

<b>Engineering controls</b>	Good general ventilation. Local exhaust if mist is generated.
<b>Respiratory protection</b>	Normally not required. Use suitable mist respirator where ventilation is inadequate.
<b>Eye/face protection</b>	Safety glasses or goggles where splashing is possible.
<b>Hand protection</b>	Impervious gloves for repeated or bulk handling.
<b>Body protection</b>	Suitable workwear; apron where bulk quantities are handled.

## 9. Physical and chemical properties

<b>Appearance</b>	Brown liquid
<b>Odour</b>	Mild specific odour
<b>pH</b>	6-7
<b>Specific gravity</b>	Approx. 1.1-1.3 kg/L at 20 °C
<b>Solubility</b>	No data available / water-based
<b>Boiling point</b>	Not applicable / approx. water-based
<b>Flash point</b>	Not applicable
<b>Flammability</b>	Not applicable

## 10. Stability and reactivity

<b>Reactivity</b>	No dangerous reaction known under normal conditions.
<b>Chemical stability</b>	Stable when stored and used as directed.
<b>Conditions to avoid</b>	Elevated temperatures and incompatible materials.
<b>Incompatible materials</b>	No data available; avoid strong oxidising agents as a precaution.
<b>Hazardous decomposition products</b>	Carbon oxides and irritating fumes on thermal decomposition.
<b>Hazardous polymerisation</b>	Will not occur.

## 11. Toxicological information

No product-specific toxicological test data was available for this draft. Information is based on available supplier information and product characteristics.

- Ingestion: Slightly hazardous in case of ingestion; large amounts may cause gastrointestinal upset.
- Inhalation: Mist may cause irritation.
- Skin: May cause mild irritation, redness, itching or swelling.
- Eye: May cause eye irritation.
- Mutagenicity/carcinogenicity/reproductive toxicity: Not classified based on available information.

## 12. Ecological information

No product-specific ecological test data was available. Prevent entry into waterways, drains and sewers.

<b>Ecotoxicity</b>	No data available; not classified based on available information.
<b>Persistence/degradability</b>	No data available.
<b>Mobility</b>	No data available.
<b>Bioaccumulative potential</b>	No data available.

## 13. Disposal considerations

Avoid release to the environment. Dispose of contents and containers in accordance with local, state and federal requirements.

## 14. Transport information

<b>ADG road/rail</b>	Not classified as Dangerous Goods based on available information.
<b>IMDG sea</b>	Not classified as Dangerous Goods based on available information.
<b>IATA air</b>	Not classified as Dangerous Goods based on available information.
<b>UN number</b>	None allocated
<b>Proper shipping name</b>	None allocated
<b>Transport hazard class</b>	None allocated
<b>Packing group</b>	None allocated
<b>Marine pollutant</b>	No

## 15. Regulatory information

<b>GHS / WHS classification</b>	Not classified as hazardous based on available information.
<b>SUSMP poison schedule</b>	Not scheduled based on available information.
<b>AICIS / AICS status</b>	Components are expected to be listed or exempt; confirm against current formulation before final release.

## 16. Other information

<b>Date of issue / review</b>	24 June 2026
<b>Revision</b>	Draft 2.0 - legacy seaweed pathway
<b>Supersedes</b>	Happy Soils Energise MSDS/SDS dated 26 June 2021
<b>Prepared for</b>	Happy Soils Pty Ltd

Important: Use this SDS only if the product remains the seaweed solution formulation. If Energise is now supplied as a chelated Microelements product, use the separate Energise Microelements SDS pathway.

This SDS has been prepared from product information available to Happy Soils Pty Ltd at the date of issue. It summarises health, safety and handling information for workplace use. Users must assess suitability for their own handling, storage, transport and application circumstances. This draft must be reviewed by a competent SDS author or suitably qualified person before public release, particularly where formulation, concentration, transport packaging or regulatory classification has changed.