



SDS

SAFETY DATA SHEET

KELPAK 24201

1. IDENTIFICATION OF PRODUCT AND COMPANY

Trade name: Kelpak 24201
Approved by Ecocert for use in organic agriculture

Chemical name: *Ecklonia maxima* seaweed extract

Manufacturer: Kelp Products (Pty) Ltd.
2 Link road, Muizenberg, 7945
Cape Town
South Africa
(021) 786 2090

2. HAZARDS IDENTIFICATION

Possible exposure: Ingestion, inhalation and skin contact

Eye contact: Non-irritant

Skin contact: Non-irritant

Ingestion: Non-toxic

Inhalation: Non-toxic

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Raw material: Fresh material from *Ecklonia maxima*

Additives: Preservatives and inert materials

4. FIRST AID MEASURES AND PRECAUTIONS

Eye contact: Immediately rinse with water for 5 minutes

Skin contact: Wash skin with soap and water

Ingestion: Rinse mouth with water and drink a large quantity of water

Inhalation: Remove product or move person to fresh air



5. FIRE HAZARDS

Flash point:	None to boiling
Flammable limits:	Not applicable
Extinguishing media:	Use water spray, dry chemical or carbon dioxide
Fire fighting procedure:	Remove container from fire area
Combustion products:	Vapors are non-toxic and non-irritant

6. ACCIDENTAL RELEASE MEASUREMENTS

Spillage/leaking:	Stop leak, contain spill and absorb with soil or natural absorbents. Sweep up waste and place in container for disposal. Wash down area. Uncontaminated spilled material may be reused.
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7. HANDLING AND STORAGE

Handling:	Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required. Sealed containers may develop pressure, open with caution. Wash hands thoroughly after handling the product.
Storage:	Store in the original labelled container in a cool place away from direct sunlight. Keep separate from food and feed products and out of reach of children and animals.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Personal protective equipment:	Chemical goggles or shielded safety glasses and rubber or neoprene gloves are not required, but their use is recommended.
Respiratory:	Protection normally not required, but a respirator can be used.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Light brown aqueous liquid
Odour:	Faint seaweed
pH:	4.0 – 4.6
Boiling point:	101°C
Specific gravity:	1.01 – 1.03
Vapor pressure:	Not available
Vapor density:	Not available
Percent volatile:	Not available
Solubility in water:	Soluble, aqueous solution

10. STABILITY AND REACTIVITY

Stability:	Stability guaranteed for a maximum of 3 years under recommended storage conditions in an original sealed container.
Conditions to avoid:	Storage in direct sunlight, below 0°C or above 40°C
Incompatibility:	Strong bases and oxidizing agents
Hazardous decomposition:	No products known
Hazardous polymerization:	None known

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀:	>5600 mg/kg in rats – non-toxic
Acute dermal LD₅₀:	>8600 mg/kg in rats – non-toxic
Inhalation LC₅₀:	>5.92 mg/L air in rats – non-toxic
Skin irritation:	Non-irritant in rabbits
Eye irritation:	Non-irritant in rabbits
Chronic effects:	None known

**12. ECOLOGICAL INFORMATION**

Ecotoxicology:	Non-toxic
Bees - LD ₅₀ (oral; 96 hr):	>100 µg/bee
Algae - IC ₅₀ (72 hr):	>100 mg/L
Daphnia - EC ₅₀ (48 hr):	>1000 mg/L
Trout/Carp - LC ₅₀ (96 hr):	>1000 mg/L
Earthworm – LC ₅₀ (14 days):	>1000 mg/kg dry soil
Japanese Quail - LD ₅₀ (14 days):	>2000 mg/kg
Biodegradation:	Oxidation and micro-organisms

13. DISPOSAL CONSIDERATIONS

Disposal:	Product and container to be disposed of in accordance with local regulations.
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14. TRANSPORTATION INFORMATION

Not regulated

15. REGULATORY INFORMATION

Classification:	This product is considered non-toxic and non-irritant
Date of issue:	22 July 2010
Latest amendment:	19 January 2026



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Important:

This SDS was prepared and is to be used in its present form. If the product is altered or used as a component in another material, the information on this document is not applicable. This document is generated for the distribution of health, safety and environmental data. It is not a specification sheet and data should not be construed as specifications.

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