

K-Kelp – Material Safety Data Sheet

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GENERAL INFORMATION:

Product Name: K-Kelp
Product Code: KK-20
Product Classification: Organic Kelp Extract
Poisons Schedule: None allocated

IDENTIFICATION:

UN Number: N/A
Hazchem Code: N/A
Dangerous Goods Class: N/A
Packaging Group: N/A
Poisons Schedule: N/A
Use: Organic foliar fertiliser, soil conditioner and biological stimulant

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance and Odour:
pH: 11 - 12
Solubility in Water: 100%
Density (kg/l): 1.05
Volatiles (%w/w): Not relevant
Flammability Limits: Non flammable
Evaporation Rate: Low
Ingredients: Kelp meal. Water, dilute Alkali

HEALTH HAZARD INFORMATION:

This material is classed as non-hazardous and generally classed as non-harmful through short-term or intermittent exposure, however care should be taken to avoid contact with eyes and because it is not a food-grade product it should not be swallowed.

PHYSICAL AND CHEMICAL PROPERTIES:

Description: Liquid
Colour: Brown opaque liquid
Odour: Seaweed odour

HAZARDOUS INGREDIENTS: None

FIRE DATA: Non combustible material will not support combustion

Flash Point: N/A

Extinguishing Media: N/A

REACTIVITY DATA:

- **Stability:** Stable liquid with no hazardous decomposition products.

- **Hazardous Polymerisation:** No hazardous polymerisation.

- **Compatibility:** Store away from farm fuel and chemicals including pesticides, herbicides and fungicides

PERSONAL PROTECTION:

- **Eye Protection:** Safety goggles (AS/NZ 1337) should be worn.

- **Skin Protection:** Wear overalls or other protective clothing, presents no danger through contact with skin although may cause irritation and slight burning sensation to open cuts or abrasions. Wash or rinse exposed skin/open wound with clean water and remove contaminated clothing if irritation is a problem.

-**Swallowed:** Small quantities not harmful but may cause vomiting.

- **Eye:** May cause mild eye irritation, similar to soap.

- **Skin:** Mild irritant, may cause itching and or reddening. Slippery feel, similar to soap.

- **Inhaled:** Mild irritant, can only occur when spraying a diluted solution.

- **Chronic:** There have been no reports in the literature of health effects in workers arising from long term exposure to this substance.

FIRST AID:

- **Eye:** Immediately irrigate with water or neutral saline solution. Seek medical attention.

- **Skin:** Wash off with water immediately.

- **Inhaled:** Not a volatile liquid, if inhaled, blow out and seek medical attention.

First Aid Facilities: Water or neutral saline solution for eye wash.

Advice to Doctor: Treatment would be supportive, as there is no specific antidote.

- Personal Hygiene: Always wash hands before eating, drinking, smoking or using the toilet.

PRECAUTIONS FOR USE:

Exposure Standards: None specified.
Engineering Controls: Use in a ventilated area.
Flammability: Non-flammable.

SAFE HANDLING INFORMATION:

Storage and Transport: Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Store and transport only in approved containers.

SAFE HANDLING INFORMATION:

Storage and Transport: Non-corrosive to most materials.

ENVIRONMENTAL DATA:

Spills: The product is soluble and can be flushed away or dispersed with water. As a soil conditioner it can simply be washed into soil as a safe means of dispersion. The material concentrate can become malodorous if diluted with water and left in surface pockets because dilution will raise pH and allow bacterial action to proliferate. Alternatively the product can be absorbed with sawdust or similar material and disposed of in soil or as refuse.

Disposal: Poses no problem for disposal by dispersion in soil or landfill because of its soil conditioning properties.

GENERAL STORAGE AND HANDLING:

- Store at room temperature.
- Keep containers closed at all times.
- Keep away from the reach of children.
- Store away from food and animals.

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