

### Description

A polymer based stabiliser offering immediate soil stabilisation whilst incorporating biostimulants and soil conditioners for efficient soil amelioration. **Vital Polykelp** has been designed for applications over numerous surfaces where erosion control, vegetation establishment and long term ground cover is required. **Vital Polykelp** is a concentrated liquid emulsion which is diluted with water into solution prior to application.

### Recommended Application

All stabilisation and revegetation applications including areas of soil erosion, areas for rehabilitation/revegetation, broad acre areas and stockpile applications.

### Features

- Cost efficiency;
- Immediate soil amelioration, stabilisation and establishment of vegetation;
- Incorporated soil conditioners for soil amelioration;
- Sustainable long term ground cover;
- Cures in hours and will not remobilise;
- Biodegradable and environmentally safe with inert degradation products;
- Certified Non-Hazardous;
- No polyacrylamide resins (no PAMs – no neurotoxic effects);
- A completely environmentally and workplace safe product.

### Specifications

Appearance	GREEN LIQUID	Solubility (water)	SOLUBLE
Odour	SLIGHT ODOUR	Vapour pressure	NOT AVAILABLE
Flammability	NON FLAMMABLE	Upper explosion limit	NOT RELEVANT
Flash point	NOT RELEVANT	Lower explosion limit	NOT RELEVANT
Boiling point	NOT AVAILABLE	Partition coefficient	NOT AVAILABLE
Melting point	NOT AVAILABLE	Autoignition temperature	NOT RELEVANT
Evaporation rate	NOT AVAILABLE	Decomposition temperature	NOT AVAILABLE
pH	7.5 – 8 (Approximately)	Viscosity	NOT AVAILABLE
Vapour density	NOT AVAILABLE	Explosive properties	NOT AVAILABLE
Specific gravity	1.1 (Approximately)	Oxidising properties	NOT AVAILABLE
		Odour threshold	NOT AVAILABLE

### Application Directions

**Vital Polykelp** is applied via hand spray or water cart.

Water carts should be semi-filled with water prior to the addition of the **Vital Polykelp** concentrate. This order of filling assists mixing of product and water within the cart and ensures the concentrate does not fill the sprayer lines and dribble bar.

### Dilution Rates

Due to numerous variables associated with surface composition and the level of stabilisation required, it is not practical to list a standard application rate. However, a typical application is **Vital Polykelp** at a 10% solution strength. Onsite analysis and assessment by our *Technical Representatives* will ensure the optimum application is employed for each individual site.

A generalised surface coverage of diluted product equates to: **1L dilute : 1m<sup>2</sup> surface**

### Cleaning of Water Cart and Pumps

Water carts, pumps and application devices must be flushed with water immediately after **Vital Polykelp** applications.

### Shelf Life

**Vital Polykelp** should be stored at a temperature of min. +5°C to max. +45°C. Shelf life is approximately 12 months.

**Vital Polykelp** must be kept in closed drums/containers or closed tanks. Containers must be closed tightly to avoid contact with air, which can contribute to product contamination.

**Do not keep pre-diluted product for longer than 2 days** as the shelf life is drastically reduced once contaminants (such as water) are introduced.

### Packaging

**Vital Polykelp** is supplied in 1,000L IBCs and bulk volumes.

### Precautions

**Vital Polykelp** contains no hazardous substances requiring labeling. For more information, refer to Safety Data Sheet.

For any further product or application advice or instruction, contact Vital Chemical Pty Ltd.

Ensure product concentrate or solution is not sprayed, applied or enabled to enter waterways and water systems.

Contractors must undertake appropriate risk assessments to ensure the safe delivery of the product to the application area.

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in the **Vital Chemical Pty Ltd** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **Vital Chemical Pty Ltd** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Vital Chemical Pty Ltd**, are responsible for carrying out procedures appropriate to a specific application.

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