

### Description

An anionic flocculant in the form of a solid block which has been specially designed to slowly dissolve in water flows and to flocculate solids and promote settling.

### Recommended Applications

Developed for use in situations where dosage equipment is unavailable or difficult to manage.

### Features

- Highly effective dust abatement;
- High wind speed resistance;
- Highly effective erosion control and stabilisation;
- Long-term capping;
- A strong, durable and flexible veneer over the applied surface;
- An environmentally safe product with inert degradation products;
- High molecular weight polymers.

### Specifications

Appearance	TRANSLUCENT TO WHITE TABLET	Solubility (water)	MISCIBLE
Odour	SLIGHT ODOUR	Specific gravity	1.0
pH	6.5	% Volatiles	NOT APPLICABLE
Vapour pressure	NOT APPLICABLE	Flammability	NON FLAMMABLE
Vapour density	NOT APPLICABLE	Flash point	NOT APPLICABLE
Boiling point	NOT APPLICABLE	Upper explosion limit	NOT AVAILABLE
Melting point	NOT AVAILABLE	Lower explosion limit	NOT AVAILABLE
Evaporation rate	NOT APPLICABLE	Decomposition temperature	NOT AVAILABLE
Autoignition temperature	NOT AVAILABLE	Viscosity	NOT APPLICABLE
Partition coefficient	NOT APPLICABLE		

### Application Directions

**Vital Floc Block** has been developed for use in situations where dosage equipment is unavailable or difficult to manage.

**Vital Floc Block** is ideally placed in a wire basket which is situated in the return stream and allowed to slowly dissolve. **Vital Floc Block** should be located at least 3 – 5 meters before the settling pond.

The dosage of **Vital Floc Block** is dependent upon the flow rate, volume of treatment fluid and cuttings required to treat.

### Dilution Rates

Due to numerous variables associated with each individual application, it is not practical to list a standard application rate. To ensure that the optimum application is employed for each individual site, it is recommended that our Technical Representatives perform an application evaluation, after which specific dilution and dosage recommendations can be made.

### Shelf Life

**Vital Floc Block** must be stored at a temperature of min. +0°C to max. +45°C. Shelf life is approximately 12 months.

### Packaging

**Vital Floc Block** is supplied in a 18kg box, 6 x 3kg tablets per container.

### Precautions

**Vital Floc Block** does not contain hazardous substances requiring labeling. For more information, refer to the Safety Data Sheet.

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

Ensure product is applied appropriately and to local regulations when employed to 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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