

Product Data Sheet

Vital Bon-Matt HR (IGD)

Ready To Use



Description

A water-based, heavy duty and robust polymer emulsion designed for high volume roads and areas of high velocity concentrated flow. Applications on areas requiring strong and durable conditions such as civil, construction, mining and regional council roads.

Vital Chemical's Ready to Use range deliver fast, consistent and highly effective erosion control with no mixing, stand pipes or risk of incorrect dilution. Pre-mixed for efficiency and easy to handle and transport, **Vital Bon-Matt HR (IGD) Ready To Use** reduces fuel consumption, streamline onsite workflow and deliver immediate, consistent performance at a C-Factor 0.1 equivalent to 80% grass cover.

Recommended Applications

All high traffic unsealed road surfaces requiring dust control, stabilisation including haul roads, civil construction, unsealed roads, traffic areas and long-term sealing.

Suitable for use on all traffic areas and areas of harsh environmental conditions.

Features

- No mixing or stand pipes;
- No mistakes with dilution rates;
- Reduced fuel consumption;
- Easy to handle and transport;
- Instant C factor 0.1 equivalent for 80% grass cover;
- Highly effective dust abatement;
- High wind speed resistance;
- High volume traffic resistance;
- Highly effective erosion control and stabilisation;
- Long-term capping;
- Immobile once cured;
- A strong, durable and flexible veneer over the applied surface;
- An environmentally safe product with inert degradation products;
- No polyacrylamide resins (no PAMs - no neurotoxic effects);
- High molecular weight polymers.

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 AVAILABLE
Evaporation rate	NOT AVAILABLE	Decomposition temperature	NOT AVAILABLE
pH	7.0 – 9.5	Viscosity	NOT AVAILABLE
Vapour density	NOT AVAILABLE	Explosive properties	NOT AVAILABLE
Specific gravity	1.0 (Approximately)	Oxidising properties	NOT AVAILABLE
		Odour threshold	NOT AVAILABLE
		% Volatiles	NOT AVAILABLE

Product Data Sheet

Vital Bon-Matt HR (IGD)

Ready To Use



Application Directions

Vital Bon-Matt HR (IGD) Ready To Use is applied via water cart dribble bar, hand spray applications and spray nozzle veneering rail wagon systems. Cannon side sprays and hand spraying are effectively utilised for stockpile embankment and other erosion control applications.

It is preferable for road areas to be dressed prior to application for product and road longevity.

Vital Bon-Matt HR (IGD) Ready To Use is supplied in a pre-mixed formulation. No additional mixing or water is required prior to product application.

Vital Bon-Matt HR (IGD) Ready To Use should not be applied before rain or wind events without allowing for appropriate drying time (4 to 6 hours).

Dilution Rates

Vital Bon-Matt HR (IGD) Ready To Use has been supplied at a 10% solution strength. A generalised surface coverage equates to: **1L solution : 1m² surface**

Maintenance

Maintenance will vary according to road or site specifications. Once effectiveness is reduced, more dilute **Vital Bon-Matt HR (IGD) Ready To Use** applications can be employed if required.

Cleaning of Water Cart and Pumps

Water cart pumps and application devices must be flushed with water immediately after **Vital Bon-Matt HR (IGD) Ready To Use** application runs.

Shelf Life

Vital Bon-Matt HR (IGD) Ready To Use should be stored at a temperature of min. +5°C to max. +45°C. Shelf life is approximately 12 months.

Vital Bon-Matt HR (IGD) Ready To Use 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.

Packaging

Vital Bon-Matt HR (IGD) Ready To Use is supplied in 20L drums, 1,000L IBCs and bulk volumes.

Precautions

Vital Bon-Matt HR (IGD) Ready To Use 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 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.

Product Data Sheet

Vital Bon-Matt HR (IGD)

Ready To Use



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.

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.

