

Description

Vital Bon-Matt RDS (S72) is a natural lignosulphonate based emulsion formulation for haul road dust suppression. **Vital Bon-Matt RDS (S72)** has been designed for haul road applications where strong and durable conditions are required. **Vital Bon-Matt RDS (S72)** is a concentrated liquid emulsion which is diluted with water prior to application.

Recommended Applications

Vital Bon-Matt RDS (S72) is suitable for all haul road dust suppression applications including:

- haul roads;
- access roads;
- light and heavy vehicle trafficked areas;
- road construction;
- unsealed roads; and
- short term broad acre areas.

Vital Bon-Matt RDS (S72) is suitable for use on high traffic areas and areas of harsh environmental conditions.

Features

Vital Bon-Matt RDS (S72)'s unique formulation offers the following features:

- Effective dust abatement;
- A strong surface binding agent within the applied surface;
- A cumulative effect over time, providing cost effectiveness and reduced water usage;
- No polyacrylamide resins (no PAMs – no neurotoxic effects);
- No formaldehyde or formaldehyde related biocides ;
- No magnesium chloride (highly toxic and questionable carcinogen);
- No solvent containing oils;
- No coal-tar based coatings (Polycyclic Aromatic Hydrocarbons – PAHs)
- No heavy or trace metals;
- A completely safe and inert product;
- Conserves water resources;
- A biodegradable and environmentally safe product with inert degradation products;
- A workplace safe product.

Vital Bon-Matt RDS (S72)'s unique formulation offers the following benefits:

- Water conservation;
- Environmentally safe to use;
- Improved visibility;
- Reduced accident risk;
- Reduced equipment wear and maintenance;
- Increased productivity and safety;
- Increased tyre life;
- Cleaner air and environment for humans, vehicles and nearby residents;
- Completely safe for users.

Product Data Sheet

Vital Bon-Matt RDS (S72)



Specifications

Appearance	LIQUID	Solubility (water)	SOLUBLE
Odour	SLIGHT ODOUR	Specific gravity	1.2 (Approximately)
pH	4.5 – 6.5 (Approximately)	% Volatiles	NOT AVAILABLE
Vapour pressure	NOT AVAILABLE	Flammability	NON FLAMMABLE
Vapour density	NOT AVAILABLE	Flash point	NOT RELEVANT
Boiling point	NOT AVAILABLE	Upper explosion limit	NOT RELEVANT
Melting point	NOT AVAILABLE	Lower explosion limit	NOT RELEVANT
Evaporation rate	NOT AVAILABLE	Decomposition temperature	NOT AVAILABLE
Autoignition temperature	NOT AVAILABLE	Viscosity	NOT AVAILABLE
Partition coefficient	NOT AVAILABLE		

Application Directions

Vital Bon-Matt RDS (S72) is applied via water tanker. Dribble Bar applications (close to the ground) have proven to be the most effective method for applying **Vital Bon-Matt RDS (S72)** on all road type surfaces and is strongly recommended.

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

Water tankers should be semi-filled with water prior to the addition of the **Vital Bon-Matt RDS (S72)** concentrate. This order of filling assists mixing of product and water within the tanker 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 control required, it is not practical to list a standard application rate. Onsite analysis and assessment by our *Technical Representatives* will ensure the optimum application is employed for each individual site.

Coverage of diluted product equates to: **1L dilute : 1m² surface**

Surface Maintenance

Maintenance will vary according to site specifications. Standard water runs between **Vital Bon-Matt RDS (S72)** applications reactivates product on traffic affected areas, providing great overall effectiveness. Once water runs lose rebinding effectiveness, more dilute **Vital Bon-Matt RDS (S72)** applications can be employed.

Cleaning of Water Cart and Pumps

Water tankers, pumps and application devices must be flushed with water immediately after **Vital Bon-Matt RDS (S72)** application runs.

Shelf Life

Vital Bon-Matt RDS (S72) must be stored at a temperature of min. +5°C to max. +45°C. Shelf life is approximately 12 months.

Packaging

Vital Bon-Matt RDS (S72) is supplied in 1,000L IBCs and in larger bulk volumes.

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Precautions

Vital Bon-Matt RDS (S72) contains no hazardous substances requiring labeling. For more information, refer to Safety Data Sheet.

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.

