

Chryso® Konis

Dust Suppressant

DESCRIPTION

Chryso® Konis is a dust suppressant solution designed to suppress rising dust particles, improving site safety, environmental compliance, and operational efficiency. It is ideal for gravel roads, stockpiles, construction sites, and other unpaved surfaces requiring

effective dust control performance. This product features biodegradable lignin derivate biopolymer technology.

ADVANTAGES

- Reduces water consumption
- Reduces fuel usage
- VOC-free formulation
- Bio-based & biodegradable

FIELDS OF APPLICATION

- Concrete yards & plants
- Gravel & haul roads
- Construction sites
- Quarries & mines

Method of Use

Dosage

- Initial Application: Dilute Chryso® Konis 1:1 with water (50% product, 50% water) and apply uniformly to the prepared surface in accordance to USDA Dust Palliative Guide.
- Performance Evaluation: After the initial application, monitor dust control performance and surface condition to determine the appropriate dilution rate and reapplication schedule.
- Reapplication: Adjust dilution and application frequency as needed in accordance with USDA dust palliative recommendations.
- Site-Specific Conditions: Traffic levels, material type, temperature, rainfall, humidity, wind exposure, and other local climate conditions can significantly impact performance and reapplication requirements.
- Best Practice: Periodically inspect treated areas and modify application rates or frequency as conditions change to maintain desired dust control performance.
- Local Requirements: Users should consult local jurisdictions for applicable regulations, permitting requirements, and application guidance prior to use.

Reach out to your Chryso representative to evaluate the right dosage range for your application conditions.

Implementation

- For initial application, or when the surface has not been treated for an extended period, scarify the surface.
- Pre-wet the prepared area with water to ensure optimal penetration.
- Dilute Chryso® Konis in water based on site requirements and mix thoroughly before use.
- Apply the solution evenly to the surface.
- Allow the treated area to set before exposing it to traffic or further work.

Schedule maintenance applications based on site conditions, traffic, and weather; consult a Chryso representative for more information.

The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted in order to remain as objective as possible. However, it cannot, in any case, be considered as a warranty involving our liability in case of misuse or any different use of our products, other than those from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users.

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Performances

- Binds fine particles at the surface to reduce airborne dust
- Provides strong initial dust reduction after one application
- Forms a thin film that stabilizes the treated surface
- Performs consistently under repeated traffic exposure

CHARACTERISTICS

Product Nature	Liquid
Color	Dark brown
Shelf life	6 months
Cl ⁻ Ions content	≤ 0,100
Specific gravity (25°C)	1,230 ± 0,030
pH (25°C)	5,25 ± 1,25
Freezing Point	28 °F

This product is free of intentionally added calcium chloride

PRECAUTIONS

- Protect from direct sunlight and moisture to maintain product integrity.
- If the product is exposed to freezing temperatures, gently thaw and agitate thoroughly before use.

SAFETY

Prior to any use, please read carefully the Safety Data Sheet.