

DESCRIPTION

Emulix®1024 is a liquid bio-component used for its binding and anti-dust properties in the fertilizer compaction and granulation process. It facilitates cohesion, improves grain hardness, tightens the particle size distribution curve and reduces emissions of fines and dust from fertilizer and amendment formulations.

Emulix®1024 is developed by the company DISTRIJEM to meet the specific needs of the manufacture of mineral and organo-mineral fertilizers.

In addition, Emulix®1024 is a fluid product, cold applicable, frost resistant and easily applicable by means of an airless sprayer, at low pressure.

Emulix®1024 is formulated exclusively from natural plant products that have not undergone any chemical treatment. These bio-components are already used in agriculture, including organic farming, and pose no danger to the environment or users.

Emulix®1024 therefore strengthens the agronomic power of fertilizers intended for organic farming.

CHARACTERISTICS & PHYSICO-CHEMICAL DATA (on crude) :

Description	Value & Tolerance	Description	Value & Tolerance	Description	Value & Tolerance
Dry content	> 65,0 %	Potash (K ₂ O)	4,5% ±0,6	Nickel	< 5 ppm
pH	4,5 ± 1,0	Sodium	1,7% ±0,4	Lead	< 0,5 ppm
Kinematic viscosity (mm ² /s) at 20°C	150 ±50	Suffer	0,5% ±0,2	Zinc	< 10 ppm
Volumic mass	1,250 ±0,05	Calcium	1,0% ±0,3	Mercury	< 0,02 ppm
Ashes	15,0% ±4,0	Chlorine	0,5% ±0,2	Arsenic	< 0,02 ppm
Organic carbon	23,0% ±4,0	Cadmium	< 0,5 ppm	Biuret	n/d
Total nitrogen	2,5% ±0,8	Copper	< 5 ppm	Amino acids	6,5% ±1,0

PACKAGING

Emulix®1024 is delivered in 1000 liter IBC (±1200 kg) or road tanker from 24 to 30 tons, equipped with autonomous unloading means.

PROCESSING

The use of Emulix®1024 does not require any special precautions. It is however recommended to use the product within one year of delivery. After non-use or prolonged storage (more than 4 weeks), the product should be re-homogenized before use using a suitable stirrer.

The product is generally incorporated by spraying at a rate of 1,5 kg / t of treated fertilizer. This value will be refined during the application test which will precede the installation of the product.

Our teams can assist you in defining and setting up an installation suitable for the use of Emulix®1024 Component Material Category following CE2019-1009 : CMC 1