Technical Data Sheet

EMULIX® 620

DESCRIPTION :

Emulix® 620 is a liquid bio-component used for its binding properties in the process of compaction and granulation of fertilizers. It facilitates cohesion, improves grain hardness, tightens the particle size distribution curve and reduces emissions of fines and dust from fertilizer and soil conditioner formulations.

This additive is developed by DISTRIJEM to meet the specific needs of the manufacture of mineral and organo-mineral fertilizers.

In addition, Emulix® 620 is a fluid, cold-applied, frost-resistant and easily applied at low pressure.

Emulix® 620 is formulated from natural plant products that have not undergone any chemical treatment, and mainly from black beet liquor. This bio-component is already used as a natural fertilizer, including in organic farming, thanks to its content of potassium, nitrogen and other mineral salts.
It therefore strengthens the agronomic power of fertilizers treated with Emulix® 620.

CHARACTERISTICS & PHYSICO-CHEMICAL DATA (on crude) :

Description	Value & Tolerance	Description	Value & Tolerance
Dry Matter	58,0% ± 4,0	Sodium	1,70% ± 0,4
pH	5,75 ± 0,5	Calcium	1,00% ± 0,3
Viscosity at 20°C (Brookfield 100 trs/min #2)	90 cPs ± 50	Chlorine	0,50% ± 0,2
Density (Kg / litre)	1,23 ± 0,10	Suffer	0,50% ± 0,2
Flash point	n/c	Total amino acids	6,50% ±1,0
Potash	4,60% ± 0,6	Ashes	15,00% ±4,0
Nitrogen	2,50% ± 0,8	Total Carbon	18,00% ±4,0

PACKAGING :

Emulix® 620 is delivered in 1000 liter IBC (±1200 kg) or road tanker from 25 to 30 tons, equipped with unloading means.

PROCESSING :

Emulix® 620 being an organic product may have a natural decantation during inert storage. Its implementation, however, does not require a particular precaution, even if it is recommended to use the product in the year following the delivery. After non-use or prolonged storage (more than 4 weeks), the product should be re-homogenized before use using a suitable stirrer.

In the heart of fertilizer, the product is generally incorporated at 2 to 2.5% per tonne of fertilizer or soil amendment.
This value will be precisley adjusted during an application test, prior to production use.
Our teams can support you on the definition and implementation of an adapted installation for the use of Emulix® 620.

DISTRIJEM