

	TECHNICAL SHEET Embiotic® <i>Compost Accelerator</i>	Document number: FT- EM 01
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ABOUT THE PRODUCT EMBIOTIC®

Its use promotes an exponential increase in microbial activity related to the fermentation of organic waste, ensuring a fast and safe decomposition. Its application provides a fast bioavailability of organic matter and nutrients for the plants and for the beneficial microbiome of the soil.

*The characteristic fermentation promoted by **Embiotic®** significantly reduces: ammonia formation, nitrogen loss, bad odors and incidence of flies. The result is an organic compost richer in nutrients and organic matter in less time. The **Embiotic®** technology is safe, easy to use and economical. It produces improvement results associated with various quality parameters, making it more efficient.*

DESCRIPTION

Embiotic® is a biological product used for composting organic solid waste from agroindustrial, agricultural, livestock and household waste processes. Its use promotes an exponential increase in the microbial activity related to the fermentation of organic waste, ensuring a fast and safe decomposition. The fermentation promoted by **Embiotic®** significantly reduces the formation of ammonia, the loss of nitrogen, the bad smell and the incidence of flies. The result is a compost richer in nutrients and organic matter, in less time.

BRAND

Embiotic® Composting, compost accelerator.

COMPOSITION

Lactobacillos plantarum, Saccharomyces cerevisiae, cane molasses, water.

GUARANTEES

Lactobacillos plantarum 10⁴ CFU/mL ; Saccharomyces cerevisiae 10³ CFU/mL ; Cane molasses 10%.

PRESENTATION

Fluid, "homogeneous suspension", brown color.

PACKAGES

1L: (for box with 10 units) white plastic packaging, with valved lid, capacity: 1L, box height 25 cm, width 45 cm, length 18 cm, net weight: 10 kg and gross weight: 11 kg.



5L: white plastic packaging, with valved lid, capacity 5L, height 21 cm, width 14 cm, length 25 cm, net weight: 5 kg and gross weight: 6 kg.



20L: blue plastic packaging, with valved lid, capacity 20L, height 40 cm, width 25 cm, net weight: 20 kg and gross weight: 21 kg.



The product specifications are described on an adhesive label, attached to the front of the package.

INDICATION OF USE

Embiotic® is used to promote fast and safe composting of organic solid waste from agroindustrial, agricultural, livestock and household waste, resulting in a compost richer in nutrients and organic matter.

ACTIVATION

To activate the **Embiotic®** in a properly clean container without chemical residues, add molasses or sugar, clean non-chlorinated water and mix until complete dilution. Then, add the **Embiotic®** and homogenize the mixture again. Cover the container to protect from dust and insects. Place in a place protected from the sun and wait 4 to 6 days for the completion of activation (oscillates with ambient temperature). In case of hermetically sealed containers, leave the lid slightly open for gas flow.

To activate 100 L of **Embiotic®**:

- 80L of non-chlorinated water
- 10L of cane molasses or 10kg of sugar*
- 10L **Embiotic® Composting**

**If sugar is used, make up to 100L with non-chlorinated water.*

HOW TO USE

Activity	Dose	Packaging
Composting with residues from agricultural activities (crop residues, manure, bedding, bark, etc.)	10-20 L of Embiotic [®] Composting activated for every 1 ton or 1m ³ of compost	Pump 20 L Gallon 5 L Bottle 1 L
Industrial organic waste (grease sludge, effluent treatment plants sludge, etc.)	20-40 L of Embiotic [®] Composting activated for every 1 ton or 1m ³ of compost	Pump 20 L Gallon 5 L Bottle 1 L

CONSERVATION

The storage must be in a ventilated, dry place and protected from light.

PRECAUTIONS

Avoid contact with eyes, skin and clothes.

PRODUCT EXEMPT FROM REGISTRATION AT THE MINISTRY OF AGRICULTURE, LIVESTOCK AND SUPPLY

Distributed exclusively by:

KORIN AGRICULTURA E MEIO AMBIENTE LTDA.

Rodovia SP 191 | km 81,5
Estrada Municipal de Camaquã, s/nº
Bairro Área Rural | Ipeúna | SP | CEP.: 13537-000
CNPJ 08.183.347/0001-29
Tel.: (19) 3576-9518
www.korinagricultura.com.br
contato@korinagricultura.com.br
sac@korinagricultura.com.br

Registration at MAPA nº SP 59413

BRAZILIAN INDUSTRY

EXPIRATION: 12 MONTHS