

Composting Bioformula for Agricultural & Domestic Organic Waste

■ DESCRIPTION:

MicroAktiv® -CC is a synergistic blend of preselected, adapted microorganisms for use in composting agricultural & domestic organic waste.



■ APPLICATIONS:

Many agricultural sectors produce organic waste such as leaf and trimmings that can be composted and converted into an excellent quality compost with a high nutritional value which can be reused as organic fertiliser. In both small and large-scale composting processes, problems are regularly experienced due to incorrect and unbalanced conditions in the compost heap. When **MicroAktiv® -CC** is applied at the start of the composting process, it can help prevent these problems. **MicroAktiv® -CC** provides a uniform starter culture to improve composting speed and compost quality and consistency.

■ PRODUCT CHARACTERISTICS:

Appearance	Tan, granular powder
Contents	Preselected, adapted microorganisms
Nominal Microbe Count	>3 x 10 ⁹ /gram
Shelf Life	Two Years
Packaging	11.3 Kg plastic pails / 100 Kg fiber drums

■ APPLICATION PROGRAMS:

In general, **MicroAktiv® -CC** is mixed with water and added to the material to be composted. Add at least 0.1 kg of product/ton of material to be composted. Mix the product with warm water and distribute the suspension after 1 hour of reactivation time to the compost heap just before it is converted or apply layer by layer if the material is dumped. Multiple applications give the best result.



■ **OPTIMAL APPLICATION CONDITIONS**

For best results, apply this product under the following conditions:

CONDITION	RANGE	OPTIMUM
Oxygen, ppm	Available	High Availability
pH	6 - 9	7
Temperature, ° C	5 - 80	N/A
Toxic Heavy Metals, ppm	Trace	None
Nutrients:		
BOD: NH ₃ - N	10 : 1 - 10: 0.5	10 : 1
BOD: PO ₄ - P	100 : 1 - 100 : 0.5	100 : 1

If your system is operating outside these ranges, contact your **MicroAktiv®** Technical Representative for a complete system survey and recommendations.

■ **STORAGE AND HANDLING:**

Storage	7° - 40° C (45° - 105° F) Dry conditions; DO NOT FREEZE
Handling	<p style="text-align: center;">CAUTION</p> <p>The product contains class 1 microbes, defined by the EEC Directive 2000/54, which are unlikely to cause disease in healthy humans and animals. However, individuals with compromised immune systems or a history of severe allergic reactions/reactions should avoid contact with open wounds and/or inhalation of dust or mist from product handling or manufacturing process.</p> <p>EUH208: Contains protease and amylase. May cause an allergic reaction.</p>

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MicroAktiv® is a registered trademark

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