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PRODUCT DATA SHEET

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18/1

Product Name (Trade name)	BIOGAS +
Regulatory positioning	Biological agent for the treatment of anaerobic digesters (sludge, organic waste, agricultural waste, landfill leachate) to improve the degradation of organic matter and increase biogas production yields (volume and methane content).

Physico-chemical properties	
Physical state	Granules with a diameter of 0.5 to 1.5 mm.
Odeur et apparence	No particular odor.

Handling and storage precautions	
Respiratory protection	None normally required. If desired, wear a dust mask.
Storage	In a dry place at room temperature, Close the bucket or bag after use.
Best Use Limit Date	12 months after date of manufacture.
Plant support : No presence of GMOs Composition of the vegetable support : Calcined diatomaceous powder.	

Results Chemical Analysis		Results Microbiological Analysis	
Total nitrogenous matter	< 0,01%	Number of salmonellae (NF V08 -052).	Absence in 100 g
Fat	< 0,01%	Number of yeasts (XP V08-059).	< 100 CFU/g
Crude cellulose	< 0,01%	Number of molds (XP V08-059).	< 100 CFU/g
Ashes	> 98%	Number of coliforms (NF V 08 – 060).	< 100 CFU/g
Humidity	< 5%	Number of sporulating bacteria.	See below

Active substances	Contents*
Bacteria resulting from an anaerobic fermentation belonging to the sporulating bacteria active at temperatures between 10°C and 60°C (27 different strains).	> 1 x 10 ¹¹ CFU / Kg
<i>Non-hazardous and non-infectious Class-1 natural micro-organisms packaged in granular form, and without danger or risk to humans, animals, plants and the environment. Customs tariff: 3002.9000.</i>	
<i>* MADEP does not guarantee the indicated content in case of storage out of recommended conditions.</i>	

Conditioning (1 liter product = 0.7 Kg)	Bags or buckets from 10 to 20 Kg, or pallets from 400 Kg
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Minimal Mode and Doses of Use (in Kg per effective volume of anaerobic digester)		
These granules are not soluble and can be used directly by simply adding to recirculations of the digestates or the tanks/basins that feed the anaerobic digester..		
Volume anaerobic digester	Startup dosing (addition to start the first year)	First year: minimum annual maintenance dosage from the third month. From the second year: annual subscription 12 months, total 5 additions)
250 - 750 m3	10 Kg	5 Kg / 2 months
750 - 1'500 m3	20 Kg	10 Kg / 2 months
1'500 - 3'000 m3	40 Kg	20 Kg / 2 months
3'000 - 6'000 m3	60 Kg	30 Kg / 2 months
6'000 - 12'000 m3	80 Kg	40 Kg / 2 months

PRODUCT USABLE IN ORGANIC AGRICULTURE IN ACCORDANCE WITH REGULATION EEC N ° 2092/91 AMENDED JUNE 24, 1991