

Product Information and Specification

GutCare® X

DESCRIPTION

GutCare® X is a direct-fed microbial product supporting the intestinal microbial balance in all animal species. It is compatible with most commercial coccidiostats, antibiotic growth promoters, and organic acids.

INGREDIENTS

Calcium carbonate, *Bacillus subtilis* DSM 32315.

PROCESSING

GutCare® X can be used in feed and feed mixtures for all animal species. It can be pelletized up to 85°C for 1 minute.

DIRECTIONS FOR USE

Add min. 50 g per metric ton of feed.

Add min. 0.1 lb per short ton of feed.

Contact a representative from Evonik Corporation for specific application advice.

STORAGE

Should be stored in a cool, dry place away from direct sunlight in originally sealed packaging.

STABILITY

Stable for 2 years under the recommended storage conditions.

PACKAGING

This product is available in 25 kg bags.

SAFETY AND ENVIRONMENT

US - According to the OSHA Hazard Communication Standard 29 CFR 1910.1200, GutCare® X is non-toxic. Not a hazardous material according to the US DOT 49 CFR Hazardous Materials Regulations (HMR).

Canada - According to the WHMIS Controlled Product Regulations in Canada, GutCare® X is non-toxic. Not a hazardous material according to the Transport Canada Transportation of Dangerous Goods Regulations (TDG).

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PRODUCT SPECIFICATION

IDENTIFICATION	SPORE COUNT GUARANTEE
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<i>Bacillus subtilis</i> DSM 32315	min. 2×10^{10} CFU/g
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PRODUCT CHARACTERISTICS

MICROBIOLOGICAL

<i>Salmonella</i> spp.	Not detectable in 25 g
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<i>Coliforms</i>	$< 10^2$ / g
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Yeast and moulds	$< 10^3$ / g
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CHEMICAL

Cadmium	< 0.5 mg / kg
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Mercury	≤ 0.1 mg / kg
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Dioxin: (WHO-PXDD / F-TEQ)	≤ 0.5 ng / kg
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PHYSICAL

Solubility at 25 °C	Not soluble in water
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Appearance	Dry, free flowing granules
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Color	White to gray brown
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Particle size	< 500 μ m
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Bulk density	Typically 1500 kg/m ³
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