

## Product Information and Specification

## GutCare®

**DESCRIPTION**

GutCare® 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® 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. 500 g per metric ton of feed.

Add min. 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® 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® 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

*Bacillus subtilis* DSM 32315

## SPORE COUNT GUARANTEE

min.  $2 \times 10^9$  CFU/g

## PRODUCT CHARACTERISTICS

## MICROBIOLOGICAL

*Salmonella* spp.

Not detectable in 25 g

*Coliforms*<  $10^2$  / g

Yeast and moulds

<  $10^3$  / g

## CHEMICAL

Cadmium

&lt; 0.5 mg / kg

Mercury

 $\leq 0.1$  mg / kg

Dioxin: (WHO-PXDD / F-TEQ)

 $\leq 0.5$  ng / kg

## PHYSICAL

Solubility at 25 °C

Not soluble in water

Appearance

Dry, free flowing granules

Color

White to gray brown

Particle size

< 500  $\mu$ m

Bulk density

Typically 1500 kg/m<sup>3</sup>

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## Evonik Corporation

Nutrition &amp; Care

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