

## Product Information and Specification

# Ecobiol® Fizz

### COMPLEMENTARY FEED FOR CHICKENS FOR FATTENING AND CHICKENS REARED FOR LAYING

#### DESCRIPTION

Ecobiol® Fizz contains the probiotic *Bacillus amyloliquefaciens* CECT 5950 in an effervescent tablet form. The probiotic spores of *Bacillus amyloliquefaciens* CECT 5940 support the maintenance of the intestinal microbial balance in chicken. The product is marketed as complementary feed in liquid applications for chickens for fattening and chickens reared for laying. In order to increase customers' flexibility, this water-soluble product can be used to enable rapid application in addition to other probiotics, e.g. Ecobiol® for feed and does not require any diet formulation changes. The dissolved Ecobiol® Fizz is delivered through the water line via dosing device or separate supply for liquid applications.

#### DIRECTIONS FOR USE

The recommended application is one tablet of Ecobiol® Fizz per 1000 liters of water to obtain a concentration of 5E+8 CFU *Bacillus amyloliquefaciens* per liter. For a stock solution the tablet can be dissolved in smaller volumes and supplied through a dosing pump or adjusting device to the water line. The ration between the stock solution and water needs to be adjusted to meet the target concentration of 5E+8 CFU / L.

Contact a representative from Evonik Operations GmbH for specific application advice.

#### Specification

*Bacillus amyloliquefaciens* CECT 5940:  
min. 5E+11 CFU / tablet

#### Appearance & Physical characteristics

Round speckled tablet with rough surface and a beige to light brownish color

Solubility at 25 °C Soluble in water\*

Dissolution time (average) < 10 min

#### Microbiological characteristics

*Salmonella spp.* Not detectable in 25 g

*Coliforms* < 100 CFU / g

Yeast < 1000 CFU / g

Moulds < 1000 CFU / g

\* Traces of insoluble components may settle at the bottom of the supply vessel.

#### INGREDIENTS

##### Composition

Sodium carbonate, Sodium chloride, Salts of fatty acids (stearic acid)

##### Additives (per 100 g)

Gut Flora Stabilizer: *Bacillus amyloliquefaciens* CECT 5940 (4b1822) min. 3.8E+12 CFU

##### Analytical constituents

Crude protein: 4.3%	Lysine: 0%
Crude fibre: 2.1%	Methionine: 0%
Crude fat: 2.1%	Sodium: 15.6%
Crude ash: 41.6%	

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### ENERGY CONTENT

	KJ/100 g	KJ/Tablet	KJ/l Water
Gross energy content	752.5	97.8	0.1

### STORAGE AND STABILITY

Store the originally sealed box in a dry place at a temperature up to 25 °C and protected from direct sun light. The product is stable for 24 months from the manufacturing date under the recommended conditions. After opening keep the bag as tight as possible.

### PACKAGING

The tablets are packed in individual sachet. Each box contains 25 tablets and desiccant. Do not feed or eat the desiccant pad.

### REGULATORY AFFAIRS

In the European Union, Ecobiol® Fizz is marketed as complementary feed intended for the use in liquid

applications for chickens for fattening and chickens reared for laying. The individual registration status and covered species can be country specific. Please contact your Evonik expert for more information.

### PRODUCTION

Ecobiol® Fizz is produced by tableting an effervescent powder formulation, following the feed safety requirements from the relevant EU hygiene regulations for animal feed and the established FAMI-QS management system. The product may contain premade ingredients.

### SAFETY AND ENVIRONMENT

Product handling and use must follow the general guidelines and requirements with regard to worker safety, animal welfare and hygiene. It is not subject to dangerous goods regulation.

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**Evonik Operations GmbH**  
Nutrition & Care  
Animal Nutrition Business Line

[animal-nutrition@evonik.com](mailto:animal-nutrition@evonik.com)  
[www.evonik.com/animal-nutrition](http://www.evonik.com/animal-nutrition)