

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 5940 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 ratio 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 < 200 CFU/g

Moulds < 200 CFU/g

INGREDIENTS

Composition

Sodium hydrogen carbonate (11.4.2), Sodium carbonate (11.4.4), Salts of fatty acids (13.6.4, stearic acid)

Additives [per 100 g]

Gut Flora Stabilizer: *Bacillus amyloliquefaciens* CECT 5940 (4b1822): 5E+10 CFU/g,

Vitamins: Betaine Hydrochloride (3a925) [41 g]

ANALYTICAL CONSTITUENTS (PER 100G)

Crude protein: 33 g Methionine: 0.1 g

Crude fibre: 7 g Sodium: 5 g

Crude fat: 5 g Calcium: 2 g

Crude ash: 17 g Phosphorus: 1 g

Lysine: 0.3 g

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ENERGY CONTENT

	KJ/ 100 g	KJ/Tablet	KJ/ l Water
Gross energy content	1517.6	197.3	0.20

STORAGE AND STABILITY

Store in a dry place at room temperature and protected from direct sun light in the originally sealed box. The product is stable for 12 months from the manufacturing date under the recommended conditions. After opening, keep the box closed as tight as possible.

PACKAGING

The tablets are packed in individual sachets. Each box contains one hundred (100) tablets. The box is shrink-wrapped with a transparent PE foil.

Box size: 25 x 18 x 13.5 cm, Box weight: 1300 g

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.

Customs tariff number: 23099096

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. Ecobiol® Fizz is not a hazardous material according to the Directive (EEC) No. 1272/2008. It is not subject to dangerous goods regulation.

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