

Product Information

ProtiGrain®

Producer	CropEnergies Bioethanol GmbH Albrechtstraße 54 D-06712 Zeitz Germany
Product name/ Feed material designation	ProtiGrain® Distillers' Grains and Solubles, dried (grain, sugar syrup) (5.05.01 Positive list; 1.12.9 Regulation (EC) No 68/2013)
Product description	Product obtained when producing alcohol by fermentation and distilling grain mash of cereals and/or other starch and sugar containing products. They may contain dead cells and/or parts of the fermentation micro-organisms. May contain 2 % sulphate.
Information on the production process	cf. flow chart in attachment 1
Processing aids/Feed additives	The processing of cereals and sugar syrup into bioethanol and Distillers' Grains and Solubles require the use of processing aids that may leave technically unavoidable residual amounts. Quality assurance measures are installed to exclude health risks thereof. Processing aids: defoamers, enzymes, yeast, hop acid, pH adjustment chemicals, fermentation nutrients Anticaking agent (technological feed additive): "natural mixture of stearates and chlorite"
Information on composition target contents within tolerances in acc. with Reg. (EC) No 767/2009	Dry matter: 90 g/100 g Crude protein: 29 g/100 g Sum of crude protein and crude total fat 37 g/100 g Crude fibre 7 g/100 g Raw materials: wheat, barley, maize, sugar syrup, when appropriate triticale, rye Feed material (no compound and complete feed) in accordance with Reg. (EC) No 767/2009
Use characteristics	Main target animals with a maximum share in rations: <u>Species</u> Cattle 15 - 20 % Growing-finishing pigs 10 – 15 % Sows 4 - 8 %
Information on stability, storage and transport	ProtiGrain® can be stored for more than 6 months under appropriate storage conditions.
Safety advices (labour/environment)	ProtiGrain® is not toxic, is bio-degradable and doesn't require any special safety precautions during transport and delivery.
Information on risk-based feed hazard control	Regular monitoring on undesirable substances in accordance with the applicable legal provisions of Directive 2002/32/EC, Regulation (EC) No 1831/2003 and the requirements of GMP+ FSA. The HACCP assessment doesn't result in the necessity of the implementation of CCP's.
Feed Safety Scheme	GMP+ FSA assured

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Attachment 1: Process Flow Chart

