

Product Information and Specification

SpeoCare™ T60

DESCRIPTION

Butyric acid is a naturally occurring short-chain fatty acid in animals and a well-established feed ingredient in poultry and swine production used to support gut health and the immune system.

SpeoCare™ T60 is an innovative tributyrin feed material produced out of butyric acid and glycerol with esterification technology. This esterification technology allows for the targeted release of butyric acid – where it is needed – ensuring the butyric acid is protected against absorption before reaching the intestine.

PRODUCT SPECIFICATION

Tributyrin content	≥ 60 %
Loss on drying	≤ 5 %

COMPOSITION

SpeoCare™ T60 contains butyric acid in an esterified form as tri-butyryns on a silicon dioxide carrier. SpeoCare™ T60 contains a minimum content of 52 % butyric acid after hydrolyzation.

PRODUCT CHARACTERISTIC

Appearance: White to yellowish powder
Odor: Neutral to typical smell
Bulk density: 500 - 600 kg/m³
Particle size 100 – 1000 µm: ≥ 90 %

NUTRITIONAL MATRIX

The following values are subject to natural variation and cannot be guaranteed.

Typical Values

Crude fat	60 %
Crude ash	35 %

Nutritional Values

Metabolizable energy (poultry)	15.6 MJ/kg
Net energy (swine)	12.8 MJ/kg

DIRECTION OF USE

Add the minimum recommended inclusion rate to the animal feed as listed below.

	Min	Up to	Unit
Poultry	250	1000	g per ton of feed
Broilers	250	1000	
Layers/ Breeders	500	1000	
Swine	1000	2000	
Calves	1000	4000	

A supplementation rate above the minimum recommended inclusion rate can be applied according to the animal age, the production phase and the farming conditions. Contact a representative from Evonik Operations GmbH for specific application advice.

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PROCESSING

SpeoCare™ T60 is a highly concentrated solid tributyrin product with over 60% tributyrin content. It is free flowing, virtually dust free and has no unpleasant smell. It can be supplemented in feed of all animal species, in particular recommended in poultry and swine.

STORAGE AND STABILITY

The product should be kept cool and dry in the original sealed packaging. Storage in conditions of 5 ° – 30 °C and 20 – 75 % rel. humidity are recommended. SpeoCare™ T60 is stable in its original packaging for at least 24 months under the recommended storage conditions.

PACKAGING

25 kg bag net weight.

REGULATORY AFFAIRS

CAS number Tributyrin: 60-01-5

Customs tariff number: 230990

EU: Crude ash content conforms to HCl-insoluble ash.

US: Contains as carrier 35 % silicon dioxide. The silicon dioxide from all sources cannot exceed 2 % by weight of the final feed.

The individual registration status is country specific. Please contact your Evonik representative for more information.

SAFETY AND ENVIRONMENT

SpeoCare™ T60 is not subject to Dangerous Goods Regulations and is no Hazardous Material. Refer to the country specific Safety Data Sheet for further information.

The country specific regulations for safety and hygiene must be followed.

For additional information, please contact us directly.

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