



CHAINCRAFT
BIOBASED INNOVATORS

C-CRAFT POWDER

for application in animal feed or drinking water

Description

C-Craft Powder is primarily composed of Sodium Caproate and -Butyrate. Other carboxylates present in the mixture are Valerate, Propionate, Acetate, Heptanoate and Caprylate. The fatty acid carboxylates are naturally derived by non-GMO fermentation of organic waste streams at the ChainCraft facility in Amsterdam and can be supplied GMP+ FSA assured. C-Craft Powder is purified by use of 5 distinct technologies, resulting in a beige free flowing powder with a natural, musty odor characteristic for fermentation products.

Composition

Ingredient	Formula	CAS	Mw (g/mol)	Share (% DW)
Sodium Caproate	C ₆ H ₁₁ NaO ₂	10051-44-2	138.14	50 – 70
Sodium Butyrate	C ₄ H ₇ NaO ₂	156-54-7	110.09	25 – 35
Other fatty acid salts (n = 2,3,5,7,8)	C _n H _{2n+1} NaO ₂			5 – 20

Apart from these Sodium salts, because of natural presence in our food feedstock material, the K, Ca and Mg salts of the carboxylates can also be present in small volumes in the product. Fatty acid share has been determined by use of GCMS. Mw = Molecular weight. DW = Dry weight.

Properties

Property	Value	Unit	Method
Density	0.80	g/cm ³	
Solubility in water	600	mg/mL	
Water	<2	% weight	<i>Drying in 105 °C oven for >3.5 hours</i>
Visual	Beige free-flowing powder		
Odor	Characteristic, musty odor		
Feed Materials Register	06625-EN		

Properties determined at room temperature unless indicated differently.

Storage and safety

Minimal durability is three years after production date, provided that recommended storage conditions are maintained. Recommended storage conditions: Store in closed original container, between 5 and 40 °C in a dry and well-ventilated place. For information and guidance on the proper and safe handling of C-Craft Powder, we refer to the MSDS, available upon request.

Application and supply

The product is meant to stimulate health and productivity of the animals. For this purpose, we recommend using 0.1%-0.5% dosage through the feed or drinking water. For more information regarding the application specifics, packaging possibilities and supply conditions, please contact ChainCraft via below contact details.

www.ChainCraft.com

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