



C-CRAFT LIQUID

for application in animal feed or -drinking water

Description

C-Craft Liquid 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 residues at the ChainCraft facility in Amsterdam and can be supplied GMP+ FSA assured. C-Craft Liquid is purified by use of 4 distinct technologies, resulting in a clear brown liquid with a natural, musty odor characteristic for fermentation products.

Composition

Ingredient	Formula	CAS	Mw (g/mol)	Share (% DW)
Sodium Caproate	$C_6H_{11}NaO_2$	10051-44-2	138.14	50 – 70
Sodium Butyrate	$C_4H_7NaO_2$	156-54-7	110.09	25 – 35
Other fatty acid salts (n = 2,3,5,7,8)	$C_nH_{2n+1}NaO_2$			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	1,120 ± 10	g/cm ³	<i>Pycnometer</i>
Boiling point	106	°C	Boiling point elevation test
Water	48 – 52	% weight	<i>Drying in 105 °C oven for >3.5 hours</i>
pH	7 – 9		<i>Calibrated pH sensor</i>
Visual	Clear, brown liquid		
Odor	Characteristic, musty odor		
Feed materials register	06625-EN		

Properties are 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. As a result of the natural production process mild cloud formation can occur upon extended storage of the product. In this situation we recommend to stir or shake the product prior to use. For information and guidance on the proper and safe handling of C-Craft Liquid, we refer to the MSDS, available upon request.

Application and supply

We recommend dosing 0.2%-1.0% 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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