

Product Specification Sheet

PuraChol™
Choline Chloride

75% Choline chloride, aqueous solution

Grade	Nutritional Additive; functional group vitamins, pro-vitamins and chemically well-defined substances having similar effect Active substance 70 wt.% Choline Chloride (3a890)		
Quality (Declared on CoA)	Determination	Specification	Reference
	Choline chloride	75 ± 1% w/w	IM 328
	pH (5% solution)	5-8	SAM176.15
	Trimethylamine	0.05% w/w max	SAM704.03
	Color APHA	25 max	COL 84.3.3
	Ion Chromatographic method (SAM839.05) for testing choline chloride content is available on request		
Appearance	Clear liquid, free from solids with a slight amine odor		
Retest date	24 months from date of manufacture (in original packaging and protected from excessive heat)		
Formula	C ₅ H ₁₄ NOCl		
Synonyms	(2-hydroxyethyl) trimethylammonium chloride CAS N°: 67-48-1		
Physical Properties	See Safety Information Card		
Recommended storage conditions	Protect from excessive heat. Keep the containers tightly closed, the product is hygroscopic		
Composition	Feed additive preparation: - Choline chloride (3a890) - Water		
Packaging	Polyethylene drum 230 kg net (238,5 kg. gross) Multilingual label Standard pallet configuration:	Balchem Italia product code: 5400536 4 drums on a wooden "CP9" HT pallet (IPPC-FAO), size 1140 x 1140 mm with PE stretch film.	
	Standard dimensions:	Netweight:	920kg.
		Grossweight:	970kg.
		Pallet size (w x l x h):	1160 x 1160 x 1100 mm.

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Polyethylene IBC

1100 kg net (1160 kg. gross)

Multilingual label

Standard pallet configuration:

1 IBC on a wooden HT pallet (IPPC-FAO), size 1210 x 1000

mm. Standard dimensions:

Netweight: 1100 kg.

Grossweight: 1160 kg.

Pallet size (w x l x h): 1210 x 1000 x 1150 mm.

Balchem Italia product code: 5405116

Bulk in road tank cars, tank containers and transoceanic flexitanks

Balchem Italia product code: 5400370

Health and safety

Breathing, eye and skin protection shall be used during handling

Choline Chloride is not classified according to the CLP Regulation (EC) N° 1272/2008. See our Safety Information Card

Regulatory info

Choline chloride is authorized as Feed Additive by Regulation (EU) No 795/2013 from 21 August 2013 and included in the European Union Register of Feed additives in the category "Nutritional Additives" with identification number 3a890

Choline chloride aqueous solution is a feed additive preparation under the European regulation (EU) N° 2015/327

Balchem Italia is registered for production of choline chloride according to regulation 183/2005/EC (registration number **αITM00001 NO**)

Directions for use

(other provisions
(EU) N° 795/2013)

All animal species

Choline chloride may be used via water for drinking

The labelling of feed for poultry and pigs containing choline chloride should indicate in the instructions of use: 'simultaneous use with water for drinking in which choline chloride has been added should be avoided'

Recommended not to exceed supplemental levels of 1000 mg of choline chloride/kg of complete feed for poultry and pigs

Contacts

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Certifications

Feed safety ISO 22000:2005 and FAMI-QS Management System

Quality ISO 9001:2015

Environmental ISO 14001:2015

Note

These conditions can be subject to amendments

Version

November 2020