

Product Specification Sheet

CHOLINE HYDROXIDE 45% in Water P grade

Formula	(C ₅ H ₁₄ NO+OH ⁻)		
Synonyms	(2-HYDROXYETHYL)TRIMETHYLAMMONIUMHYDROXIDE		
Appearance	Clear, colourless to light yellow liquid		
Quality	Determination	Specification	Reference
	Choline hydroxide	44.0-47.0 % w/w	IM 388
	Trimethylamine	0.10 % w/w max	IM 238
	Color APHA	300 max	COL 84.3.3
	Sum over-ethoxylated components	5.0 % w/w max	IM 247
	Ethylene Glycol	0.5 % w/w max	IM 318
	ID test by IC	Retention time within 2.0 % of std	IM 239
	Stabilizer	1 % w/w max	IM 249
Retest date	1 year from date of manufacture in original unopened container		
Physical Properties	See MSDS sheet		
Packaging	Polyethylene drum	Balchem Italia product code: 5400580	
	211 kg. net (219,5 kg. gross)		
	Multilingual label		
	Standard pallet configuration: 4 drums on a wooden HT pallet (IPPC-FAO), size 1140 x 1140 mm. "CP 9" with PE stretch film.		
	Standard dimensions:	Net weight:	844 kg.
		Gross weight:	894 kg.
		Pallet size (w x l x h):	1160 x 1160 x 1100 mm.
Health and safety	See MSDS sheet		
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Note	These conditions can be subject to amendments		
Certifications	ISO 9001:2008 and ISO 14001:2004 Management System		
Version	April 2012		