

# PRODUCT DATA SHEET



## CEKOL<sup>®</sup> 2000 Cellulose Gum

File no.: Cekol2000/811809101BG/A

Revision date: September 22, 2009

<b>Description</b>	CEKOL <sup>®</sup> 2000 is a highly purified Sodium Carboxymethylcellulose. It is a tasteless, odourless, thickener, stabilizer or dispersant.
<b>Standard packaging</b>	Packed in 20 kg bags. All packaging material complies with FDA and EU food contact legislation.
<b>Regulatory compliance</b>	<p>CEKOL 2000 complies with the requirements contained in the following regulations and standards: Food Chemicals Codex, 21 CFR 182.1745, JECFA, the purity criteria in the current EC Directive, Japan's Specifications and Standards for Food Additives, and the National Standard of the People's Republic of China.</p> <p>CEKOL 2000 also conforms to the monographs of "Carmellose Sodium" or "Carboxymethylcellulose Sodium" in the current Ph. Eur., USP/NF, JP, and several local pharmacopeias.</p> <p>INCI name: Cellulose Gum.</p>
<b>Labeling information</b>	<p>CEKOL<sup>®</sup> 2000 Cellulose Gum, Sodium Carboxymethyl Cellulose. CAS number 9004-32-4. E-466 for use in food.</p> <p>CEKOL 2000 is certified Kosher and Halal.</p>
<b>Shelf life</b>	<p>Shelf life for CEKOL 2000 products is 36 months from the date of manufacture.</p> <p>However, as a result of a natural process the viscosity of Cellulose Gum may decrease in time. We guarantee that the product will meet the viscosity specification for 12 months after the indicated "Manufacturing Date". After these 12 months the product can still be used safely up to the indicated shelf life end date, but may need a slight dosage correction in order to give optimum performance in the application.</p>
<b>Documentation</b>	<p>Further details appear from Product Specifications:</p> <ul style="list-style-type: none"><li>- Purity Specifications 001 for CEKOL, Cellulose Gum (Sodium Carboxymethylcellulose) grades in food applications</li><li>- Purity Specifications 002 for CEKOL, Cellulose Gum (Carboxymethylcellulose Sodium, Carmellose Sodium) grades in pharma applications</li></ul> <p>Test methods are available upon request. CP Kelco reserves the right to use company test methodology.</p>
<b>Production Facilities</b>	<p>CP Kelco Äänekoski, Finland CP Kelco Taixing, China CP Kelco Nijmegen, The Netherlands</p>

# CEKOL<sup>®</sup> 2000 Cellulose Gum

File no.: Ceko12000/811809101BG/A

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Specifications	Characteristic	Specification
	NaCMC content (dry basis)	min. 99.5%
	Moisture as packed	max. 10%
	Sodium chloride content (dry basis)	max. 0.5%
	Sodium glycolate content (dry basis)	max. 0.4%
	Degree of substitution	0.75 – 0.85
	Sodium content	7.5 – 9.0
	Sulphated ash content	23.0 – 27.0
	pH (1% solution)	6.5 – 8.0
	Viscosity, 2%, 25°C Brookfield LVT	1500 – 2500 mPa.s
<b>Other characteristics</b>	White to cream powder	
	Odourless	
	Neutral taste	
	Typical particle size:	> 0.075 mm : 40-75% > 0.5 mm : max 2%

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