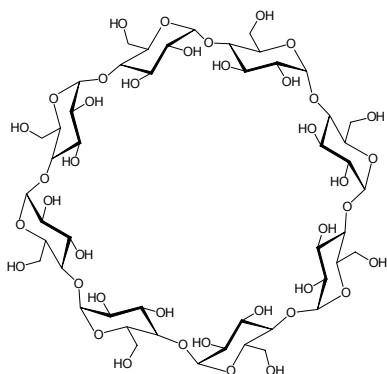


# CAVAMAX® W8 FOOD

## Product description

Structural formula:



Molecular weight: 1297  
Empirical formula:  $C_{48}H_{80}O_{40}$   
CAS No.: 17465-86-0  
Physical state: solid - powder  
Colour: white

Chemical name: gamma-Cyclodextrin,  
cyclooctaamylose, cyclomaltooctaose

CAVAMAX® W8 Food is a food grade gamma-cyclodextrin from Wacker Chemie AG.

CAVAMAX® W8 Food with 8 glucose units has the largest cavity of the parent cyclodextrins and is the most water soluble. It is useful for solubilizing, stabilizing or delivering larger molecules; e.g. oils, lipids, etc.

## Storage

Storage at room temperature in sealed containers under dry conditions is recommended.

CAVAMAX® W8 FOOD has a shelf life of at least 36 months when stored in unbroken original packaging in

dry storage areas. The best use before date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Packaging

Units of 20 kg, 1000 kg, bulk.

## Registration (selected countries / regions)

Kosher certified

Halal certified

INCI: Cyclodextrin

CAVAMAX® W8 FOOD complies with

JECFA

US FDA: GRAS

Commission Implementing Decision 2012/288/EU  
(Gamma-Cyclodextrin as a novel food ingredient)

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They may be printed via WACKER web site  
<http://www.wacker.com>.

**Product data**

Specification data	Inspection Method	Value
Content (on dry basis)	HPLC	min. 98 %
Residue on ignition (sulfated ash)	USP	max. 0,1 %
Reducing substances (determined as dextrose)	USP	max. 0,5 %
Heavy metals	USP	max. 4 ppm
Arsenic	USP	max. 1,0 ppm
Lead	USP	max. 1 ppm
Volatile organic compounds	FCC	max. 20 ppm
Residual complexant (8-cyclohexadecan-1-one (CHDC))	FCC	max. 4 ppm
Residual solvent (n-decane)	FCC	max. 6 ppm
Water	Loss on drying	max. 11 %
Microorganisms	USP	max. 1000 /g
Salmonella/E.Coli	USP	0 in 10g
Specific rotation	FCC	[ $\alpha$ ] <sub>25/D</sub> 174 - 180 °, c= 1 g/100 ml in water

Typical general characteristics	Inspection Method	Value
Solubility in water at 20 °C	OECD 105	180,1 g/l
Bulk density		400 - 700 kg/m <sup>3</sup>
Chromatography		conforms
Identification by Infrared Spectra		conforms
Iodine reaction		conforms

These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER® is a trademark of Wacker Chemie AG.  
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For technical, quality, or product safety questions, please contact:

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