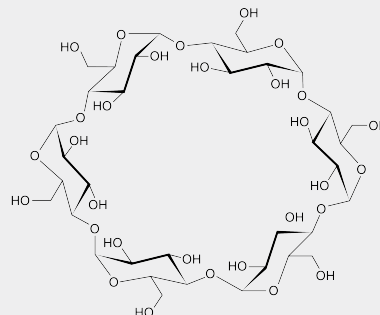


# CAVAMAX<sup>®</sup> W6

## Native Cyclodextrins

CAVAMAX<sup>®</sup> W6 is standard grade alpha-cyclodextrin from Wacker Chemie AG. With 6 glucose units CAVAMAX<sup>®</sup> W6 has the smallest cavity of the parent cyclodextrins. It is useful for solubilizing, or delivering small molecules and has stabilizing characteristics. Synonyms: alpha-cyclodextrin, cyclohexaamylose, cyclomaltohexaose.

CAS No. 10016-20-3 | Empirical formula  $C_{36}H_{60}O_{30}$  | Molecular weight 972.84



## Properties

- Unique structure
- Versatile functionality
- Different ring sizes available
- White powder with neutral odor

## Technical data

### Specification

Property	Condition	Value	Method
Cyclodextrin content <sup>(1)</sup>	-	min. 90.00 %	USP/NF
Loss on drying	-	max. 11.0 %	halogen dryer

<sup>1</sup>Impurities are mainly residual starch, glucose, other cyclodextrins and maltooligosaccharides

## General Characteristics

Property	Condition	Value	Method
Bulk density	-	400 - 700 kg/m <sup>3</sup>	-
Solubility in water	20 °C	110.3 g/l	OECD 105

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

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Agrochemical Solutions
- Top Coats & Finishing Coats

## Application details

- Solubilization and stabilization of guest molecules
- Odor masking
- Rheology modification

## Packaging and storage

### Packaging

Units of 25 kg, 1000 kg, bulk.

### Storage

Storage at room temperature in sealed containers under dry conditions is recommended. CAVAMAX® W6 technical has shelf life of at least 36 month 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.

## Safety notes

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

## QR Code CAVAMAX® W6



**For technical, quality or product safety questions, please contact:**

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
productinformation@wacker.com, www.wacker.com

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