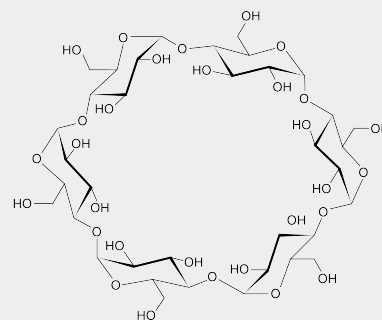


CAVAMAX[®] W6

Native Cyclodextrins

CAVAMAX[®] W6 is standard grade alpha-cyclodextrin from Wacker Chemie AG. With 6 glucose units CAVAMAX[®] 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 C₃₆H₆₀O₃₀ | Molecular weight 972.84



Properties

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

Technical data

Specification

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

¹Impurities are mainly residual starch, glucose, other cyclodextrins and maltooligosaccharides

General Characteristics

Property	Condition	Value	Method
Bulk density	-	400 - 700 kg/m ³	-
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
- Reduction in VOC emissions
- Top Coats & Finishing Coats

Application details

- Solubilization and stabilization of guest molecules
- Odor masking
- Rheology modification
- Fragrance retention
- Extended Release of active ingredients

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:

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productinformation@wacker.com, www.wacker.com

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.