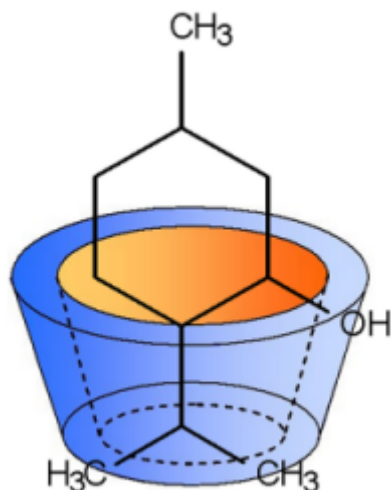


CAVAMAX® W7/L-MENTHOL-COMPLEX

CYCLODEXTRIN INCLUSION COMPLEX

Product description

Structural formula:



Physical state: solid - powder
 Colour: white

CAVAMAX® W7 / Menthol Complex is an inclusion complex of Menthol with pharmaceutical grade beta-cyclodextrin. It is produced by Wacker Chemie AG. Menthol is one of the most important flavours and used in pharmaceuticals and cosmetics/ personal care. It is the chief constituent of *Mentha piperita* or *Mentha arvensis* and has a strong odour of peppermint oil.

Menthol stimulates cold receptors independent of any change in temperature and possesses analgesic properties by reducing the sensation of pain in topical application. Menthol is an efficient cooling ingredient. Major inconveniences like volatility, water solubility, irritant potential by contact with mucous membranes will be improved by complexation with CAVAMAX® W7. Ingredients:

CAVAMAX® W7 Pharmaceutical grade (beta-Cyclodextrin, CAS no 7585-39-9)

I-Menthol (CAS no 2216-51-5)

Storage

Storage at room temperature in sealed containers under dry conditions is recommended. CAVAMAX® W7/L-MENTHOL-COMPLEX has a shelf life of twelve months from the date on the delivery note. Storage beyond the date specified 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 0,1 kg, 1 kg, 20 kg

Registration (selected countries / regions)

INCI: Cyclodextrin / I-Menthol, cooling agent

FEMA: (I-Menthol) GRAS 2665, natural-identical aroma chemical, flavour

Listed on or in accordance with the following inventories:

EINECS - Europe

IECSC - China

TSCA - USA

PICCS - Philippines

ENCS - Japan

ECL - Korea

DSL - Canada

AICS - Australia

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>.

Product data

Typical general characteristics	Inspection Method	Value
I-Menthol	NMR	10,5 - 12,5 %
Water	Halogen dryer	max. 14,0 %
Microorganisms	PH. EUR.	max. 100 /g

Figures below "Typical general characteristics" are intended as a guide and should not be used in preparing specifications.

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products 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.
CAVAMAX® is a trademark of Wacker Chemie AG.

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

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