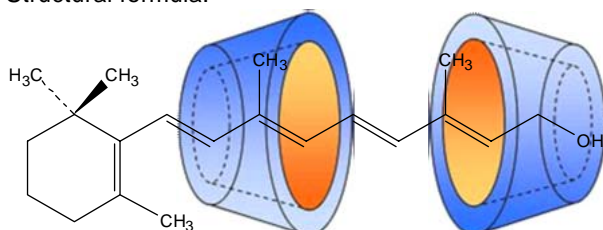


CAVAMAX® W8/RETINOL-COMPLEX

CYCLODEXTRIN INCLUSION COMPLEX

Product description

Structural formula:



CAVAMAX® W8 / Retinol Complex is an inclusion complex of Retinol with pharmaceutical grade gamma-cyclodextrin. It is produced by Wacker Chemie AG.

Retinol is well known to reduce wrinkles and helps restore UV-damaged tissue. However, Retinol itself is inherently unstable. In this new product the critical positions of the retinol molecule are protected by the cavity of gamma-cyclodextrin.

Retinol W8 is designed for use in skin care products and can be formulated in emulsion products.

Ingredients: CAVAMAX® W8 pharmaceutical grade (gamma-Cyclodextrin, CAS no 17465-86-0) Retinol (CAS no 68-26-8)

Storage

Storage at 4°C in sealed containers under dry conditions is recommended. CAVAMAX® W8/RETINOL-COMPLEX has a shelf life of six months from the day 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, 5 kg (5x1 kg), 10kg (10x1 kg)

Registration (selected countries / regions)

INCI: Cyclodextrin / Retinol

Listed on or in accordance with the following inventories:

IECSC - China

EINECS - Europe

TSCA - USA

PICCS - Philippines

ENCS - Japan

AICS - Australia

ECL - Korea

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>.

Contact

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Product data

Typical general characteristics

Typical general characteristics	Inspection Method	Value
Retinol	HPLC	min. 6,0 %
Activity (I.U./g)	calculated	min. 200,000
Water	Halogen dryer	max. 14,0 %
Microorganisms	PH. EUR.	max. 100 /g

These figures are only 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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