

Apocarotinal Dispersion 20 MCT

Chemical name of active ingredient

beta-Apo-8'-carotenal, mainly in the form of the trans isomer

CAS-No. 1107-26-2

EINECS-No. 214-171-6

PRD-No.
30078425

Article

50508476 4 x 5 kg plastic pail

Country of origin

Germany

Description

Dark-brown, oily, odorless dispersion of liquid consistency. The product is packed under inert gas.

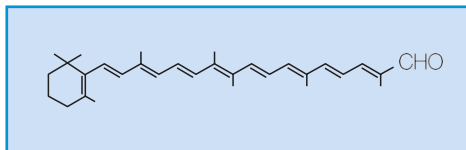
Composition

Ingredients in descending order of weight: Medium-chain-triglycerides, beta-Apo-8'-carotenal (E 160e), DL-alpha-tocopherol (E 307).

Specification

Assay min. 20%

For further information see separate document: "Product Specification" (not for regulatory purposes).



(Main) active(s): beta-apo-8'-carotenal

Molecular formula: C₃₀H₄₀O

Molar mass: 416.6 g/mol

Monographs

The active ingredient of Apocarotinal Dispersion 20 MCT meets requirements of the current 'beta-Apo-8'-carotenal' FCC and JECFA monographs. Furthermore the active ingredient of Apocarotinal Dispersion 20 MCT (E 160e) complies with the EU regulation laying down specifications for food additives.

Standards

The product is kosher and halal.

For quality documentation please see „Quality and Regulatory Product Information“ (QRPI 18. Quality Documentation).

Regulations

Beta-Apo-8'-carotenal is approved for use as a food colorant in most countries. However, specific regulations on the ingredients used in the respective countries and for the intended use have to be observed.

Stability

The apocarotenal dispersion is stabilized with approximately 1% DL-alpha-tocopherol. Stored in its unopened original packaging at room temperature (max. 25 °C), the product is stable for at least 36 months.

Storage/Handling

The product is sensitive to atmospheric oxygen, light, heat, and moisture and should therefore be stored under nitrogen in a cool place, in the tightly sealed, original packaging.

Applications

Food products:

Apocarotenal dispersions are used as colorants in fats, oils, margarine, and other fat-containing foods.

The following quantities are recommended:

Cheese: 30 – 60 mg apocarotenal/kg

Salad dressings: 50 – 120 mg apocarotenal/kg

Sauces: 20 – 100 mg apocarotenal/kg

Note

Apocarotinal Dispersion 20 MCT must be handled in accordance with the Safety Data Sheet.

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