

# Betatene<sup>®</sup> 20% OLV Natural Mixed Carotenoids

Mixed carotenoids from the alga *Dunaliella salina*, suspension in olive oil

## Chemical name(s) of active ingredient

Algal carotenes, carotenes (algae)

## Main active(s)

Beta-carotene

**CAS-No.** 7235-40-7

**EINECS-No.** 230-636-6

## PRD

30528286

## Articles

50297753 10 kg plastic pail  
50241087 0.1 kg aluminium drums

## Description

Opaque, deep-red suspension of mixed carotenoids in olive oil. The carotenoids are obtained from the alga *Dunaliella salina*. The product is packed under inert gas.

## Benefits

Vegetarian, kosher, halal, allergen-free, gluten-free, plant-based, naturally-derived

## Composition

Ingredients in descending order of weight: olive oil, algal carotenes

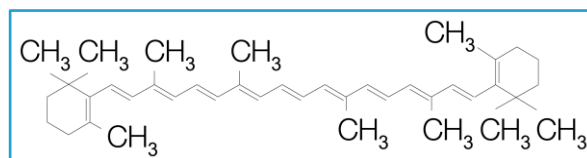
## Solubility

Insoluble in water; practically insoluble in ethanol; soluble in hexane

## Specification

total carotenoids 20.0 to 21.5% (weight)  
(as beta-carotene)

For further information see "Product Specification" (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants (<https://nutritionvirtualassistants.basf.com>).



**C<sub>40</sub>H<sub>56</sub>**

**536.9 g/mol**

## Regulations

For quality documentation please see „Quality and Regulatory Product Information“ (QRPI, Quality Documentation). The active ingredient used in this product complies with the current JECFA specification "β-carotene-rich extract from *Dunaliella salina*", INS 160a (iv) and the current specification "algal carotenes", E 160a(iv) of the European Regulation (EU) No 231/2012. It is the obligation of the user to check the regulations on the ingredients used in the respective countries and for the intended use.

## Stability and storage

Carotenoids are sensitive to light, heat and oxygen and need to be stored in a light-proof and airtight container. Stored in its unopened, original packaging at temperatures not above 30 °C, in a dry place, the product is stable for at least 60 months.

## Handling

The product is a suspension, therefore settling of carotenoid crystals may occur after prolonged storage. It is strongly recommended that the suspension in the container is warmed and mixed thoroughly prior to sampling or use. Once opened, it is recommended to flush the packaging with an inert gas and to use the remaining contents as quickly as possible.

## Applications

For use in soft gel capsules.

Carotenoids from *Dunaliella salina* can be used as provitamin A source. Suitability of these applications is presented based solely on technical feasibility. Local prevailing legal or regulatory requirements are not considered and should be observed separately. This product is not intended and recommended by BASF for use in medical nutrition or infant nutrition. BASF disclaims any representations, warranties and guarantees of fitness for such particular uses.

**Note**

The product must be handled in accordance with the Safety Data Sheet.

---

This document and any information provided herein does not constitute a legally binding obligation of BASF and has been prepared in good faith and is believed to be accurate as of the date of issuance. Unless expressly agreed otherwise in writing in a supply contract or other written agreement between you and BASF:

- (a) To the fullest extent not prohibited by the applicable laws, BASF EXPRESSLY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, BY FACT OR LAW, INCLUDING ANY IMPLIED WARRANTIES, REPRESENTATIONS OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, NON-INFRINGEMENT, AND ANY REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES, ARISING FROM STATUTE, COURSE OF DEALING OR USAGE OF TRADE AND BASF HEREBY EXPRESSLY EXCLUDES AND DISCLAIMS ANY LIABILITY RESULTING FROM OR IN CONNECTION WITH THIS DOCUMENT OR ANY INFORMATION PROVIDED HEREIN, including, without limitation, any liability for any direct, consequential, special, or punitive damages relating to or arising therefrom, except in cases of (i) death or personal injury, (ii) BASF's or its agents and assistants willful misconduct, fraud or fraudulent misrepresentation or (iii) any matter in respect of which it would be unlawful for BASF to exclude or restrict liability under the applicable laws;
- (b) Any information provided herein can be changed at BASF's sole discretion anytime and neither this document nor the information provided herein may be relied upon to satisfy any obligations you may have to undertake your own inspections and evaluation;
- (c) BASF rejects any obligation to, and will not, automatically update this document and any information provided herein, unless required by applicable law; and
- (d) You are responsible for confirming that you have retrieved the most current version of this document from BASF.
- (e) This document or any information provided herein must not be used for purposes of pharmaceutical registrations.