

Xangold® 15%

Lutein esters from marigold flowers (*Tagetes erecta*) in soybean oil

Chemical name(s) of active ingredient

Lutein, lutein esters

CAS-No. 547-17-1

EINECS-No. 208-916-4

PRD

30528305

Articles

50241145 10 kg plastic pail
50242332 0.05 kg aluminum bottle

Description

Dark, reddish-brown suspension of natural, mixed carotenoid esters in soybean oil. The carotenoid esters are obtained from marigold flowers (*Tagetes erecta*) and comprise primarily lutein esters. 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: soybean oil, lutein (total carotenoid esters), tocopherol-rich extract, ascorbyl palmitate

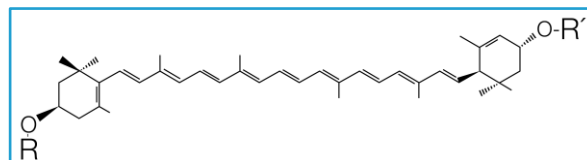
Solubility

Soluble in hexane, benzene and chloroform; partially soluble in ethanol; sparingly soluble in oils and fats; insoluble in water.

Specification

total carotenoid esters min. 15.0% (weight)

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



R, R' = mainly C₁₅H₃₁CO-, 1056.5 g/mol

Lutein dipalmitate 1045.7 g/mol
C₇₂H₁₁₆O₄

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 FCC monograph "Tagetes extract", the current JECFA specification "Lutein esters from *Tagetes erecta*", INS 161b(iii) and the current specification "Lutein", E 161b 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 the unopened, original packaging at temperatures not above 25 °C, in a dry place, the product is stable for at least 36 months.

Handling

The product is a suspension, therefore sedimentation 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 and for the fortification of fats, oils and other foods.

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.

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