

Technical Information

Covi-ox® T-50 C

PRD 30533824

Valid since	25.07.2017
Revision	6.0
WF-No.	11922
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Care Chemicals**Vitamin/Antioxidant****INCI name(s)**

Tocopherol

Chemical description

Alpha, beta, gamma, delta -Tocopherols

Physical form:

Transparent, brownish-red, viscous oil with characteristic odor

CASR-No.	Ingredient
1406-66-2	Tocopherols
59-02-9	alpha-Tocopherol
16698-35-4	beta-Tocopherol
54-28-4	gamma-Tocopherol
119-13-1	delta-Tocopherol

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification
Appearance at room temperature	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
Tocopherols, mixed	min. 500 mg/g

Specific methods used for batch release see Certificate of Analysis.



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Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

Test property

non-alpha-Tocopherols
Optical Rotation
Acidity

Specification

min. 80 % of total tocopherols
min. + 20 degree
max. 1.0 ml of 0.1 N NaOH in
1 g

Specific methods used for batch release see Certificate of Analysis.

Storage information

Shelf life

36 months

Storage temperature

Between + 15 °C and + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

Covi-Ox® T 50 C is sensitive to oxygen, light, particularly in the presence of oxidizing agents or in alkaline media. The product darkens slowly upon exposure to air and light.

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

Product is an antioxidant

Solvents

not present

Others

Soybean oil

Care
Creations™

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Care Chemicals**General information****Raw material basis**

Vegetable: (mainly soy, but also others e.g. sunflower oil, rape seed)

Composition hints for finished product label**INCI Components****INCI Name (US/EU/CN)**

Tocopherol

Content

min. 50 %

Auxiliaries**INCI Name (US/EU/CN)**

Glycine Soja (Soybean) Oil (US, CN), Glycine Soja Oil (EU)

Content

max. 50 %

Product properties**Solubility**

Ethylalcohol:	soluble
Water:	practically insoluble

Miscellaneous information**Example of use**

The product is a mixed tocopherol of natural origin. It may also contain low quantities of other vegetable oil constituents due to the raw material used and the manufacturing process applied. Covi-Ox® T 50 C is suitable as a natural antioxidant or as an active substance in personal care products.



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Care Chemicals

Intended for use as cosmetic ingredient

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