

# Vegapure® 95 FF

## Chemical names of active ingredient

Plant sterol ester, phytosterol ester, vegetable oil sterol ester

## PRD-No.

30534784

## Articles\*

50210532 25 kg steel drum

50210531 180 kg steel drum

\*packed under inert gas

## Country of origin

Germany

## Description

Vegapure® 95 FF plant sterol esters are obtained by esterification of free plant sterols with fatty acids obtained from vegetable oil. Vegapure® 95 FF is a yellow viscous oily paste at ambient temperature, and above 50 °C it is a clear oil with typical fatty odor and taste. Tocopherol-rich extract and ascorbyl palmitate are added as antioxidants.

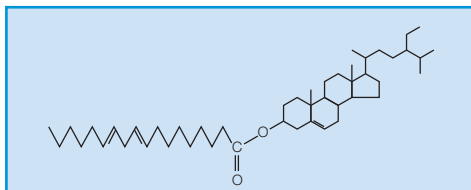
## Composition

Ingredients in descending order of weight: Plant sterol ester\*, tocopherol-rich extract\* (E306), ascorbyl palmitate (E304).

\*mainly derived from soyabean

## Solubility

Insoluble in water; miscible with organic solvents, vegetable oils and fats.



## Sitosterol Ester

## Specification

Assay

Total sterol esters and free sterols min. 97% (area)

Total sterol content min. 59% (weight)

For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

## Monographs

Vegapure® 95 FF plant sterol ester complies with the FAO JECFA Monograph PHYTOSTEROLS, PHYTOSTANOLS AND THEIR ESTERS.

## Standards

Product is kosher and halal. Produced under ISO 9001, FSSC 22000.

## Regulations

Plant sterol esters have GRAS (generally recognized as safe) status for use in food applications in the USA. Plant sterol esters are accepted for use in foods and in dietary supplements in most countries. However, specific regulations on the product and its ingredients in the respective countries and for its intended use have to be observed. Vegapure® 95 FF is derived from genetically modified vegetable and is thus subject to labeling under the Regulations (EC No. 1829/2003 and 1830/2003 (the product is PCR negative).

### Stability, Storage and Handling

For food applications: stored in its unopened original packaging at refrigerated conditions (4 – 8 °C for maintaining the fresh taste in food and beverages), the product is stable for at least 18 months.

For dietary supplements: in soft gelatin capsules or similar applications where sensory is not as important as in food Vegapure® 95 FF will keep at least for 24 months stored under ambient conditions (below 25 °C).

The product is sensitive to atmospheric oxygen, light and heat. It should therefore be stored in the tightly sealed, lightproof packaging in a cool place. Once opened, it is recommended to use the remaining contents as quickly as possible. Prior to its use it is recommended to heat the product to 45 – 60 °C.

### Applications

#### Food and beverage products:

Vegapure® 95 FF is intended for use in functional food and functional beverages with margarine and dairy products being the main categories. It is almost neutral in taste and odor and is an ideal form for plant sterols in food applications.

#### Dietary supplements:

Vegapure® 95 FF is also intended for use in supplements, it is recommended for use in soft gelatin capsules and liquid preparations such as sirups or one-shot supplement beverages.

### Notes

Vegapure® 95 FF must be handled in accordance with the Material Safety Data Sheet.

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