

# Vegapure® NG Deso

## Chemical names of active ingredient

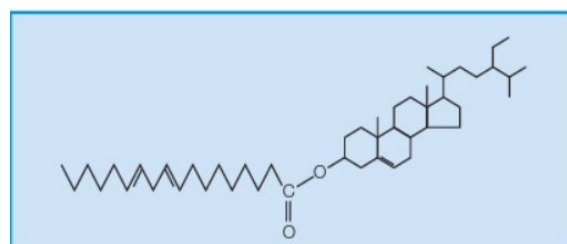
Plant sterol esters, phytosterol esters,  
wood/vegetable oil sterol esters

## PRD-No.

30536980

## Articles

50210920	100 kg steel drum
50210919	180 kg steel drum
50397714	900 kg composite IBC



Main active: Sitosterol Ester

## Country of origin

Germany

## Description

Vegapure® NG Deso plant sterol esters are obtained by esterification of free plant sterols mainly derived from tall oil and rapeseed oil with fatty acids obtained from vegetable oil. Vegapure® NG Deso 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 is added as antioxidant. The product is packed under inert gas.

## Composition

Ingredients in descending order of weight:  
Plant sterol esters, tocopherol-rich extract (E 306).

## Solubility

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

## Standards

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

The product complies with the FAO JECFA Monograph Phytosterols, Phytostanols and their esters.

Please see document "Quality and Regulatory Product Information" (QRPI).

## Specification

Assay	
Total sterol esters and free sterols	min. 97% (area)
Total sterol content	min. 59% (weight)

For further information see separate document "Product Specification".

## Regulations

Plant sterol esters have GRAS (generally recognized as safe) status for use in food applications in the USA. They have also been approved as Novel Food ingredient for several specific functional food applications within the EU as well as in many other countries. However, specific regulations on the product and its ingredients in the respective countries and for its intended use have to be observed. Vegapure® NG Deso is derived from not genetically modified raw materials and is thus not subject to labelling under EU Regulations (EC) 1829/2003 and 1830/2003.

## Stability, Storage and Handling

For food applications: stored in its unopened original packaging at refrigerated conditions (2 – 8 °C for maintaining the fresh taste in food and beverages), the product is stable for at least 15 months.

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® NG Deso 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.

## Notes

Vegapure® NG Deso must be handled in accordance with the Material Safety Data Sheet.

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