

Vegapure® NG Deso Liquid

Chemical names of active ingredient

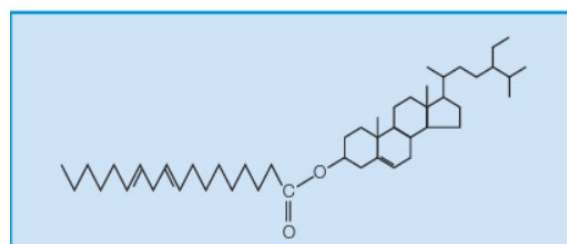
Plant sterol esters, phytosterol esters,
wood/vegetable oil sterol esters

PRD-No.

30537957

Articles

50205162 bulk



Main active: Sitosterol Ester

Country of origin

Germany

Description

Vegapure® NG Deso Liquid 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 Liquid 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 Liquid 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

Total shelf life of the liquid bulk product is minimum 5 days and up to 14 days provided it is stored/transported under nitrogen. Contact with air/oxygen should be avoided to maintain the sensory properties of the bulk refined sterol esters.

Applications

Food and beverage products:

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

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