

Further Product Name

Plant Sterol Esters

植物甾醇酯

Phytosterol Esters

植物甾醇酯

Vegetable oil derived sterol ester

由植物油产生出的甾醇酯

General Characterization

一般特性

Vegapure@ 95 FF plant sterol esters are obtained by esterification of free plant sterols derived from vegetable oils, with fatty acids obtained from vegetable oil. Vegapure@ 95 FF is a yellow viscous oily paste at ambient temperature and above 500 °C / 122 °F it is a clear oil with typical fatty odor and taste. Mixed tocopherols and ascorbyl palmitate are added as antioxidants. Vegapure@ 95 FF is intended for use in dietary supplements and in food applications*.

Vegapure@ 95 FF是由植物油来源的游离植物甾醇与植物来源的脂肪酸酯化反应而成的植物甾醇酯。

Vegapure@ 95 FF在室温呈黄色粘稠油性膏状，当温度超过500°C/122 °F时，变为清澈的油状同时伴有典型油脂气味及味道。适当添加混合生育酚及维生素C 棕榈酸酯作为抗氧化剂。推荐应用于食品及膳食补充。

* BASF strongly recommends that formulators verify that the intended use is in accordance with prevailing national law.

巴斯夫公司强烈声明产品用途经过最新的国家法律验证。

Standards

标准

Produced under ISO 9001, ISO 22000 and current food GMPs. The product is PCR negative. Sterols are Generally Regarded as Safe (GRAS) for specific food use.

植物甾醇酯是在质量管理体系ISO9001，ISO 22000及GMPs 环境下生产。PCR为否定的。通常视为安全应用于特殊用途的食品中。

Vegapure@ 95 FF is certified Kosher Pareve and Halal.

植物甾醇酯适用于犹太教及伊斯兰教。

Composition / Ingredients

成分

Plant sterol esters/植物甾醇酯

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Mixed tocopherols* (Antioxidant E 306/ 21 CFR S 182.3890) / 混合生育酚（抗氧化剂 E 306）
Ascorbyl palmitate (Antioxidant E 304/ 21 CFR S 182.3149) / 抗坏血酸棕榈酸酯（抗氧化剂 E 304）

*mainly derived from soya

*主要来源于大豆

Application & Properties

应用&性质

Vegapure phytosterol esters are fat soluble substances that are easily blended with oils and fats. Addition of Vegapure to milk or other water containing food products requires emulsification.

植物甾醇酯为脂溶性物质，易与脂肪和油脂混溶。如果牛奶或含水的食品中加入植物甾醇需要添加乳化剂。

Vegapure phytosterol esters are GRAS approved for many food applications in the United States including: vegetable oil, margarine and spreads, yoghurt and yoghurt_like products, snack bars, salad dressings, health drinks and further more.

在美国植物甾醇酯被GRAS允许应用于多种食品中，包括：植物油、人造黄油、酸奶及酸奶类食品、快餐、沙拉、保健饮料及更多食品。

In Europe, phytosterols and phytosterols esters have been approved for the use in several specific foods such as yellow fat spreads, milk type products and yoghurt type products. Further products containing phytosterols and phytosterol esters need to be notified to the European Commission under the Novel Food Regulation (EC) No 258/97 prior to placing on the market.

在欧洲，植物甾醇和植物甾醇酯被允许用于一些特定食品，比如黄油类食品，奶制品及酸奶制品。未来含有植物甾醇及植物甾醇酯的产品上架之前需要通知欧洲委员会并通过新食品法规(EC)258/97号文件许可。

In Australia and New Zealand, FSANZ has approved phytosterols and/or phytosterol esters in applications such as table spreads, breakfast cereals, milk and yoghurt. Labeling and dosing are detailed in the respective registrations.

在澳大利亚和新西兰，澳洲食品标准局认可植物甾醇和植物甾醇酯可以应用于：如餐桌食品、早餐谷物食品、牛奶和酸奶。标签及用量需要有明确标注。

In Australia, the Therapeutic Goods Administration (TGA) has approved the use of "Vegetable oil phytosterol esters" with Required Advisory Statements for Medicine Labels in dietary supplements such as capsules.

在澳大利亚，TGA药品监督管理局要求“植物油的植物甾醇酯”必须像药品一样有标示，如胶囊制品。

Storage, Packaging and Shelflife

贮存、包装及货架期

Storage Conditions

贮存环境

Keep cool between 4~ 8°C / 39~ 47 ° F for maintaining product freshness. Protect from heat, light and oxygen.

建议储存于4~ 8℃保鲜，避免热、光及氧气。

Shelf life

保存期限

Depending on the application and sensory requirements, BASF gives the following best before use information for Vegapure® 95 FF.

Rev. 1.2

根据具体应用和感官要求，巴斯夫提供了Vegapure® 95 FF最佳的有效期信息。

For food and dietary supplement applications with high sensory requirements, Vegapure® 95 FF will keep at least 12 months after date of production if stored refrigerated at 4~8°C / 39~47 °F.

对于高感官要求的食物和膳食补充剂，Vegapure® 95 FF在4~8°C / 39~47 °F冷藏下贮存，其保质期自生产日期后至少12个月。

For soft gel capsules or similar applications where sensorical properties are less important, Vegapure® 95 FF will keep at least 24 months if stored under temperatures below 25°C/ 77 °F.

对于软胶囊或类似对感官要求不是很苛刻的产品，Vegapure® 95 FF 在低于25°C（77 °F）的温度下，有效期至少为24个月。

Packaging

包装

The product is available in 25 kg and 180 kg steel drums with food-grade coating and 2" and 3/4" opening
该产品存放于25公斤和180公斤钢桶并需要食品内衬，装量为1/2和3/4。

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