



PRODUCT SPECIFICATION

Vitamin E and Associated Products

The Stan Chem Group distributes and sells natural and synthetic types of various Vitamin E products as well as various blends and associated products.

D-ALPHA TOCOPHEROL (IN OIL)
D-ALPHA TOCOPHEROL (WATER SOLUBLE)
D- MIXED TOCOPHEROLS CONCENTRATE
D-DELTA RICH TOCOPHEROL CONCENTRATE
VITAMIN E LINOLEATE
VITAMIN E NICOTINATE
VITAMIN E OIL INFUSED
VITAMIN E SUCCINATE

COSMETICS AND TOILETRIES

Natural D-Mixed Tocopherols 70% concentrate is widely sold through our Inovia Group Company as well as the Linoleate and Nicotinate products as they are particularly effective in cosmetics and toiletries. The Natural D-Mixed Tocopherols 70% concentrate can be used in a wide range of formulated products, the Linoleate shows high moisturising properties and the Nicotinate has powerful microcirculation effects. The benefits of using vitamin E in toiletries and cosmetics are well known. Please contact our Inovia Group company for further information relating to these industries.

Inovia also promotes a range of micro-encapsulated vitamins containing various combinations of vitamins such as Vitamin E, Folic Acid, Nicotinamide and Panthenol suitable for use in skin care products and make up.

FOODS, BEVERAGES AND NUTRACEUTICALS

Natural D-mixed Tocopherols 70% concentrate is an oil so it tends to be used in liquid preparations and widely used in various food products as safe and tolerant to heat and light. However as an oil, it is sometimes difficult to use in beverages so we are able to offer an innovative emulsion ideal for sports drinks and other beverages.

Vitamin E as a vitamin, prevents the oxidation of oils and fats, is widely used in food processing as a potent antioxidant for edible oils, butter, margarine, deep-fried noodles and fried foods as well as in fish and meat processing. In terms of quality it is highly valued for its heat stability. It also has excellent light and UV tolerance. Vitamin E prevents the decomposition of liposoluble vitamins like vitamins A and D therefore increasing the stability and nutritional value of foods. Another application is the prevention of food browning and discolouration.

The Vitamin E Succinate is a solid and can be used health tablets and to improve nutritional value.

ASSOCIATED PRODUCTS TO VITAMIN E

Beta Sitosterol & Phytosterols combination

Beta Sitosterol: a mixture of plant steroids or phytosterols extracted from pine species with high content of beta Sitosterol in accordance with European pharmacopoeia standards. Its physicochemical properties make it a very good vegetable emulsifier as well as being an excellent skin anti-inflammatory active ingredient.

Beta Sitosterol is widely used in a variety of skin care formulations including barrier protection products. It is also a very useful ingredient actively used in pharmaceutical preparations, diet foods against hyper-cholesterolaemia

Phytosterols: A combination of beta sitosterol, Stigma Sterol, Campesterol & Brassicaterol is available. Phytosterols are not water soluble and have low solubility in oils and fats. Standard micron sizes are available but to help solubility problems, a specially micronised product is also available. Phytosterols block cholesterol absorption in the intestine, thus having a direct effect in lowering LDL cholesterol levels and the risk of heart disease.

Coenzyme Q-10 (Ubiquinone, Ubidecarenone)

An active, well documented vitamin-like ingredient creating energy and serves as an important fat-soluble antioxidant. It is an essential vitamin E regeneration source and also used as a dietary supplement. Q-10 has immuno-stimulant activity and is often found in health supplements as well as pharmaceutical preparations.

Gamma-Tocopherol

A major type and member of the Vitamin E family, mostly found in vegetable oils such as soya bean and rapeseed. Several unique features of the gamma-tocopherol can distinguish it from alpha-tocopherol and it has been spotlighted as a new, potential ingredient for dietary supplements and functional foods. It is an anti-inflammatory active and also plays a significant role in providing anti-oxidant protection as well as anti-inflammatory.

Mixed Tocotrienols

Tocotrienols are a unique type of vitamin E dominantly found in palm and bran oils and promoted as allergic free ingredients having remarkable effects in cardiovascular diseases and skin care. Tocotrienols support cholesterol reduction and anti-cancer & tumour suppression, as well as reversing arteriosclerosis. The active ingredient has antioxidant properties and is very suitable for dietary supplements as well as cosmetics.