

PRODUCT DATA SHEET

ESTOSOFT SSL

Chemical Name

SODIUM STEAROYL LACTYLATE (SSL)

Cas Number

25383-99-7

EEC NO

E481

Origin

VEGETABLE

Specifications

Appearance	Creamish Powder
Odour	Mild Fatty
Iodine Value cc/100gm	2.0 Max
Acid Value mgKOH/gm	60- 80 Max
Saponification Value mgKOH/gm	190-230
Ester Value mgKOH/gm	150-190
Total Lactic content	31-34
Sodium content	3.5-5%
Melting Point deg cel	47-52 deg
HLB VALUE	8.1

Packing

20kg Carton Case with inner PE bag.

Storage

Store in cool and dry place away from sunlight at ambient temperature. The material should be retested after storage for one year.

Application

ESTOSOFT SSL Sodium stearoyl-2-lactylate is an emulsifier with a very high hydrophilic-lipophilic balance (HLB) and is therefore an excellent emulsifier for fat-in-water emulsions. It also functions as a humectant. It finds widespread application in baked goods, liqueurs, cereals, chewing gum, desserts, and powdered beverage mixes. Stearoyl-2-lactylates are found in the majority of manufactured breads, buns, wraps and many similar breadbased products. Because of its efficiency as an emulsifier, it is possible to use less of it than other similar additives; for example, it can be used in quantities only a tenth as large as soya-based emulsifiers. It is most widely used in bread as it has high capacity for water absorption, give more volume to dough resulting extra loafs which adds profit to bakers.

Disclaimer

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