

ADWIL XPERT SL SODIUM STEAROYL LACTYLATE (SSL) E-481

Product Descriptions	
Appearance	Creamish Flakes/Powder
Odour	Neutral fatty
Taste	Neutral fatty
Specifications	
Acid Value	75-95
Ester Value	115-140
Melting Point	50± 5°C

Product Statement:

SODIUM STEAROYL LACTYLATE (SSL) are an emulsifier with a very high hydrophilic- lipophilic balance (HLB) and is therefore an excellent emulsifier for fat-in- water emulsions. SODIUM STEAROYL LACTYLATE (SSL), due to presence of sodium, it is easily dissolved in water, making the emulsifier with the highest proportion of hydrophilic tendency in the molecule structure compared to lipophilic.

Benefits:

SODIUM STEAROYL LACTYLATE (SSL) is widely used for: -
 Stronger dough, Shelf-life extension, and Increased Bread softness
 Improved aeration and foam stability of Desserts
 Stable fat emulsions and foams for cream products
 Improved mixing tolerance – by reacting with gluten proteins
 Increased bread volume – by strengthening the gluten network highest volume effect in bread systems with fat
 Improved crumb texture – finer structure because of interacting with gluten proteins
 Anti-staling effect – by interacting with the starch and delaying the starch retro gradation
 Most effective and commonly used dough strengthener
 It also functions as a humectant.
 It is most widely used in bread as it has high capacity for water adsorption, give more volume to dough resulting extra loafs which adds profit to bakers.
 Due its efficiency as an excellent 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.

Application:

SODIUM STEAROYL LACTYLATE (SSL) are used in widespread application in baked goods, liqueurs, cereals, chewing gum, desserts, and powdered beverage mixes.

Dosage:

The dosage level for SODIUM STEAROYL LACTYLATE (SSL) is varied from 0.3%-1%

*Usage may vary as per operating conditions. .

Auth Sigantory

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