



# ESTELLE

## Surfactants & Food Additives

### ESTOSOFT-60

#### CHEMICAL NAME: MONO & DIGLYCERIDES

#### CAS NUMBER

123-94-4

#### EEC NO

E471

#### ORIGIN

Vegetable and Kosher

#### Specifications

Appearance	:	White Powder.
Odour	:	Mild Fatty.
Iodine Value cc/100gm	:	3.0 Max
Acid Value mgKOH/gm	:	2.0 Max
Saponification Value mgKOH/gm	:	155-165
Mono-Glycerides %	:	60 min
Free Glycerin %	:	5 Max
Moisture %	:	2 Max.
Melting Point °C	:	58-68

#### Nutritional Information: (based on 100 gms)

Energy	:	3800 kJ/900 Kcal
Fat	:	100
Carbohydrates	:	0
Protein	:	0

#### Packing

25kg net HDPE Paper Laminated Bag

#### Storage and Shelf Life

Store in cool and dry place away from sunlight at ambient temperature. The material should be retested after storage for 2 years.

#### Applications

ESTOSOFT-60 for food; Emulsifier for foods like breads or prepared mixes. Emulsifier for margarine, shortening and peanut butters, Emulsifier and stabilizer of creaming powder, dispersant of powder soup. It is excellent for aerating properties, volume and texture improvement and anti-staling in cakes; Emulsifier in coffee whiteners; Improves Overrun and dryness in frozen desserts and ice creams; Improves stability and texture in icings and fillings; Improves overrun and texture in whipped toppings

ESTOSOFT-60 for Cosmetics; Emulsifier and Opacifier, emollients and bodyfying agents, used in vanishing creams, cleansing creams, emollient creams, fairness creams, moisturizing and sunscreen lotions.

#### Regulatory Information

ESTOSOFT 60 is meeting the specification for identification and purity on food additives given by FAO/WHO, EU directives, US FDA and Japanese Food Sanitation Law. Since the legislation on use of this product may vary from country to country, the local food act should always be consulted.

#### Food Chemical Codex

When fully tested ESTOSOFT 60 complies Glycerol Monostearate 60 specifications as per Food Chemical Codex.

#### Disclaimer:-

The information contained in this publication is based on own research and development work and is to the best of our knowledge reliable. Users should, however, conduct their own tests to determine the suitability of our products for their intended use of the product. Statements contained herein should not be considered as warranty of any kind, expressed implied, and no liability is infringement of any content in this publication.

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