

## PRODUCT DATA SHEET

### ESTOSOFT 40 SE

#### Chemical Name

GLYCEROL MONOSTEARATE ( SELF EMULSIFYING GRADE)

#### Description

ESTOSOFT 40 SE is Glycerol Monostearate - 40% made from edible and fully hydrogenated Vegetable oil (palm).

#### Regulatory Information

ESTOSOFT 40 SE is meeting the specification for identification and purity on food additives

#### Food application

FAO/WHO – INS 471, Mono and diglycerides  
EU Directive – E 471, Mono and diglycerides  
US FDA – 21 CFR 184,1505, Mono and diglycerides  
Japanese Food Sanitation Law – Glycerol fatty acid esters.

Since the legislation on use of this product may vary from country to country, the local food act should always be consulted.

#### Application

General purpose (bread ,biscuits,confectionery,cake ,coffe whitener,potato flakes,peanut )

#### Specification

Appearance	Ivory white flakes/powder.
Monoester content	40% min
Acid value	5 max
Iodine value	5 max
Saponification value	140 - 155
Free glycerine	6% max
Soap content	5% max
Melting point oC	55 - 65

#### Microbiology

Total plate count	max. 10,000 /g
Yeast and mould	max. 500 /g
Coliform	absent in 0.1g

#### Heavy Metals

Arsenic (as As)	max. 2 ppm
Lead (as Pb)	max. 2 ppm
Mercury (as Hg)	max. 1 ppm
Cadmium (as Cd)	max. 1 ppm
Heavy metals (as Pb)	max. 10 ppm

#### Nutrition Data (Per 100g)

Energy	3800 kcal/kJ / 900 kcal
Protein	0 g
Carbohydrate	0 g
Fat	100 g
Saturated	100 g
Trans	< 1 g
Sodium	5 g

#### Storage

Cool (below 25°C), shaded and dry condition. Keep away from direct sunlight and odorous products.

#### Shelf Life

24 months from manufacturing date if remains unopened and stored under recommended condition.

#### Packaging

Net 25 kg in paper bag.

#### GMO Status

ESTOSOFT 40 is derived from raw materials and/or its derivatives, which is not from genetically modi Orgin.

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