

Technical Data Sheet

Sympatens-GMS

INCI: Glyceryl stearate

Identification

chemical name	Glyceryl mono stearate
CAS No.	85251-77-0
EINECS	286-490-9
composition	active content > 99.5 %
origin	vegetable

Specifications

form (25°C)	pellets
acid value (mg KOH/g)	< 3.0
iodine value (g I ₂ /100g)	< 2.0
monoglyceride (%)	> 40
glycerine (%)	< 2.0
water content (%)	< 0.5

Other typical properties

solidification point (°C)	approx. 60
density (70°C, g/cm ³)	approx. 0.95
HLB value	approx. 3.5

Manufacturing, additives, impurities

manufacturing process	esterification
preservatives	none
antioxidants	none
solvents	none
total ash (%)	< 0.20
total heavy metals (ppm)	< 10

Microbiology

A microbiological contamination can be excluded due to the production parameters (pressure and temperature profile) and due to water content. Microbiological examinations occur on irregular basis.

Disclaimer

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Toxicological assessments

The product has been toxicologically evaluated. Please ask for our separate toxicological data sheet.

Cosmetics

The product as cosmetic ingredient complies with the requirements of the Cosmetic Regulation 1223/2009 EC and its amendments:

- No nanomaterials
- No animal testing
- No raw materials of animal sources
- No BSE/TSE
- No GMO
- No radiation

Intended use

Personal Care Application.

For further information about product safety and ecotoxicology, please refer to our safety data sheet.

The shelf life is two years in the unopened original packaging, stored in a cool and dry place, protected from heat and frost, between 0 - 30°C, without exposure to direct sunlight.