

Glyceryl Stearate SE

Glyceryl stearate SE is a self-emulsifying ingredient used in cosmetic emulsion development. Selection should consider the precise grade composition and its compatibility with the oil phase and processing plan.

Material identity

Ingredient identity	Glyceryl Stearate SE
CAS reference	31566-31-1
Catalog appearance	White beads / flakes

Catalog technical specifications

The following are published catalog reference specifications, not analytical results for a supplied lot. Confirm the current specification, method and batch COA before approval.

Assay (monoglyceride)	>= 90% SE grade
Acid value	<= 3.0 mg KOH/g
Iodine value	Reported per lot
Saponification value	Reported per lot
Free glycerol	<= 1.0%
Shelf life	24 months

Selection and qualification

What to check for this grade

01. Obtain the complete grade description and distinguish self-emulsifying grades from non-SE glyceryl stearate.
02. Review the relevant compositional and physical specifications with their methods.
03. Assess heating, mixing, pH, electrolytes and emulsion stability in the complete formulation.

Glyceryl Stearate SE vs Non-SE Glyceryl Stearate

The self-emulsifying grade has a different functional composition; do not assume the same emulsifier package or processing behavior.

Does SE remove the need for a formulation trial?

No. The complete oil phase, co-emulsifiers, pH, electrolytes and processing affect the emulsion. Qualify the intended formulation and packaging.

Prepare the sample and purchasing brief

Provide the intended formula format, destination market, trial quantity and acceptance criteria. Request the current COA, SDS and TDS, full composition, and relevant storage and handling instructions. Confirm pricing, order minimum, stock, packaging and delivery terms for the actual order.

Catalog handling reference

Packaging	180kg steel drum / 25kg bag
Storage	Ambient
Shelf life	24 months

[Product details and current enquiry options](#)

[Cosmetic raw material buying guide](#)

[Contact RAWESS about this grade](#)

For ingredient evaluation in cosmetic development. This guide is not a batch COA or a finished-product safety, efficacy or regulatory approval. Trade-name comparisons do not establish branded origin.