

Natural
Vegetable
Functional

The Lipid Expert!

Akoline MD50

- General purpose emulsifier/co-emulsifier
- Pharmacopoeia grade mono/diglyceride
- Consistency regulator for skin care creams and lotions

Product name

Akoline MD50

INCI name

INCI:Glyceryl Stearate

Physical form/Consistency at 20 °C

Beads mp 54-64 °C. HLB= 2-3

Regulatory Status

CTFA, EC No E471, GRAS, JCLS

Recommended use levels

Emulsions 0.5-2 %

Packaging

Bag 25 kg

Product Data Sheet/Article number

8612

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Functionality and benefits

Akoline MD50 is a pharmacopoeia grade mono/diglyceride based on vegetable sources with 40-50% monoglycerides. It is usually used as a co-emulsifier when combined with anionic or non-ionic primary surfactants, such as Akoline SL or Akoline PG3. Mono/diglycerides with added anionic surfactant or soap readily form liquid crystalline phases that act as emulsion stabilisers, moisturisers and lubricifiers in cosmetic formulations.

Apart from the emulsifying capacity, Akoline MD50 acts as a consistency modifier and bodying agent in creams, lotions and ointments.

Applications

Akoline MD50 is a general-purpose emulsifier/co-emulsifier for skin care creams and lotions. It is especially suited for dermo-cosmetics and products for sensitive skin or other products that have specific requirements on pharmacopoeia registration of ingredients.