

iEmul 165

INCI Name (US): Glyceryl Stearate (and) PEG – 100 Stearate

INCI Name (EU): Glyceryl Stearate (and) PEG – 100 Stearate

CAS #: 123-94-4 (and) 9004-99-3

**General Information/
Characteristics:**

iEmul 165 is an acid stable auto-emulsifier system with a non-ionic value which composition is a mixed of Glyceryl Stearate and Polyethylene Glycol. It promotes excellent stability in O/W emulsions and also allows the manufacture of emulsions W/O but with a permanent agitation. This material is polyvalent.

Benefits / Application:

iEmul 165 does not require the addition of any other emulsifier in the formulation. This product promotes an excellent emulsion appearance along with an exclusive and pleasurable sensorial.

Benefits:

1. Good dispersing ability in water.
2. Act as a primary emulsifier in all type of O/W cream or lotion
3. Making emulsion stable which are rich non-polar oils and waxes.
4. Plant origin
5. Good biodegradability
6. Good tolerance in the addition of acidic actives and salts.

Application:

1. Cream, lotion
2. Hair conditioner
3. Antiperspirants
4. Sun Care Products
5. Depilatories
6. Eye Area Color Cosmetics
7. Facial Cleansers, Facial Color Cosmetics, Facial Skin Care
8. Foot Care, Hand & Body Care, Nail Care
9. Shaving Products

iEmul 165 can be use as the only formulation constituent emulsifier for the production of creams, lotions and gels.

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

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Regulatory Status:

Dosage:

As a primary emulsifier: 3 - 6%.
As an Auxiliary emulsifier: 1%.

Physic-Chemical Properties:

Aspect

Flakes

Color

White to yellowish

Acid value

Max. 3.0 mg KOH/g

Saponification Index

90 – 125 mg KOH/g

Shelf Life / Storage Conditions

36 months if stored at 25°C in unopened original packaging. Avoid Freezing. Protect From direct light. Reclosed immediately after use.

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