

Liposine Glyglu



High foaming lipo-amino acid and foam stabilizer of vegetable origin for the preparation of cosmetic, ecological and skin-refining detergents.

cosmetic revolution product

Liposine Glyglu

Liposine Glyglu is a high foaming substance if used as primary surface-active agent and as foam stabilizer if used as secondary surface-active agent. It can be used in the formulation of modern and innovative cosmetic detergents, corresponding to Ecocert biological cosmetic requirements.

Liposine Glyglu is a lipo-amino acid obtained from substances of vegetable origin and in particular with the acylation of coconut fatty acids with glycine-amino acids and sodium glutamate. The interaction between cocoyl glycine and cocoyl glutamate forms a lipo-amino acid complex able to foam, to deterge and able to substitute the primary surface-active agents. The type of foam obtained is extraordinary to the touch and is creamy, fine and stable. In this way, the liposome is able to delicately deterge the skin without making any damage.

The detergent obtained has no surface-active agents derived from petroleum, sulphates, acyl-sulphates and peg-derivate chemicals.

Use

Liposine Glyglu is recommended for detergents which require delicate detergent properties, which must be dermatology safe and of vegetable origin (hence environmentally sound). It can be used as single detergent substance or in combination with common surface-active agents used in cosmetics. It is colourless and odourless and therefore easy to use. Its use allows the creation of cosmetic detergents lacking in petroleum derivatives such as sulphates and peg-derivates. In this case, to obtain viscosity in low-active solutions, it is recommended to use alkyl-amidobetaine, where the peak is reached at about pH 5.8 - 6.3. Optimum for its solubility in perfumes.

INCI NAME:

Aqua: 65-75%
CAS: 7732-18-5 EINECS: 2317912

Sodium Cocoyl Glutamate: 10-20%
CAS: 68187-32-6 EINECS: 2690872

Sodium Cocoyl Rice Amino Acids: 10-20%
CAS: 90387-74-9 EINECS: 291-350-5

GENERAL CHARACTERISTICS

Appearance at 20°C: limpid liquid

Colour: colourless

Odour: neutral

Value pH: 6.5 - 7.5

Dry matter: 32 - 36%

Nitrogen: 0.8 - 1.2%

Chloride: 2.5 - 3.5%



Formulation examples

Slash and peg free transparent shampoo

- 1.Liposine Glyglu: 15%
- 2.Cocamidopropyl Betaine: 15%
- 3.Lactic acid: q.s. at pH 5.8-6
- 4.Parfume: 0.4%
- 5.Preservative: q.s.
- 6.Water: to 100

Working process

1. Charge Liposine Glyglu with parfume, mix for a couple of minutes and the add Betaine. Bring to 100 with water and adjust pH to 5.8-6 and desired viscosity.

Slash and peg free transparent shampoo

Appearance at 20°C: transparent dense liquid
Colour: neutral
Odour: parfumized
pH: 5.8-6
Viscosity 20°C: 2.200 mPas
G4V10
Stability:
+45°C: ok
+ 4°C: ok

Sweet almond cream bath

Appearance at 20°C: dense cream
Colore: milk white
Odore: parfumized
pH: 6.3
Viscosity 20°C: 8.000 mPas
G4V10
Stability:
+45°C: ok
+ 4°C: ok



Sweet almond cream bath

- 1.Liposine Glyglu: 20%
- 2.Cocamidopropyl Betaine: 20%
- 3.Easygel sweet almond oil: 10%
- 4.Cocoat 6000 DS: 3.5%
- 5.Lactic acid: q.s. to pH 6 - 6.5
- 6.Parfume: 0.5%
- 7.Preservative: 0.1%
- 8.Water: to 100

Working process

1. Charge Liposine Glyglu with parfume and mix for a couple of minutes. Add all the remaining ingredients and bring to 100. Adjust pH to 6-6.5 and desired viscosity.



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