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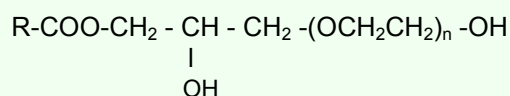
APROVADO

Dep. Qualidade

EMANON[®] HE

- Non-ionic surfactant
- Vegetable origin
- Perfumes and extracts solubilizer
- Application in cosmetics as emollient

CHEMICAL IDENTIFICATION



R-CO : Coconut chain
n = 7 average

INCI Name : PEG-7 Glyceryl Cocoate

CAS Number: 68201-46-7

TECHNICAL SPECIFICATION

		Kao Method
APPEARANCE (20°C) :	Colourless Transparent Liquid	KCSA-258
ODOUR :	Characteristic	KCSA-267
HYDROXYL VALUE (mg KOH/g) :	170 – 195	KCSA-029
ACID VALUE (mg KOH/g) :	5.0 max.	KCSA-125
IODINE INDEX (g I/100 g) :	5.0 max.	KCSA-203
COLOUR (Apha) :	300 max.	KCSA-207

EMANON® HE

TYPICAL CHARACTERISTICS

MELTING POINT (°C) :	< -5
DENSITY (20°C, g/mL, "spot") :	1.045 approx.
VISCOSITY (20°C, cPs) :	< 300
CHARACTER :	Non - ionic

APPLICATION PROPERTIES

- EMANON® HE is a re-fatting agent for bath gels, shampoos and hydro-alcoholic products.
- Main functions: co-emulsifier, conditioning agent, emollient and hydrating.
- Recommended use: 1% approx. in shampoos and bath gels formulas.
- It doesn't affect to the final viscosity of the final product where it is included.
- Its use can affect to the final viscosity of the formula (lower viscosity).
- It is alcohol and soluble in water.
- It can be used as excipient in creams and transparent ointments, and also in pharmaceutical preparations as a solvent.
- Due to its non-ionic character, it is compatible with other anionic, cationic, or amphoteric surfactants.

STORAGE – HANDLING – SHELF LIFE

- EMANON® HE is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container).
- In the case of long storage time, it is advisable to homogenise the product before its use, especially if it has been submitted to low temperatures. Small changes in the appearance can be easily recovered by applying a moderate agitation at 25-30°C. A general advise is to use the complete container every time.
- The shelf life of EMANON® HE can be considered of 2 years minimum under proper storage conditions. After longer storage time some of its characterising parameters (*odour, appearance, colour, pH, ...*), should be checked before using it.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.

Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.