

AakoEmu PCP

Potassium Cetyl Phosphate

Description

AakoEmu PCP (Potassium Cetyl Phosphate) is the most effective oil-in-water anionic (EO-free) O/W emulsifier for UV-filters and emollients. The product is pre-neutralised to the potassium salt. This is very important in order to rapidly and reproducibly obtain the desired viscosity of your emulsion. Moreover, our AakoEmu PCP is unique as it is free of halogenated compounds. The product is especially suitable for the manufacturing of stable water-resistant sun care formulations with pleasant skin feel.

Typical product use level is 0.5-5%.

Easy to handle: hot water soluble

Emulsion Stabilizer: overcomes imbalances in HLB emulsifier values

Neutralized form: ready to use and gives fast, predictable viscosity

Halogen free product

Support small droplet size, good spread-ability on skin, pleasant skin feeling

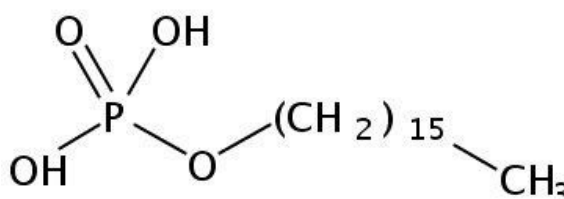
Easier to use than polyacrylic acid in emulsion manufacturing, without dispersion, wetting problems or fish eyes in solution

Good stability with a broad variety of oil blends and UV-filters

Water resistant sun protection

Pigment dispersing properties

▪ Chemical name	Potassium hexadecyl hydrogen phosphate
▪ INCI name	Potassium Cetyl Phosphate
▪ CAS number	19035-79-1



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Typical properties

Appearance	White to off-white powder or flake
Odour	Practically odourless to lightly fatty
pH Value (1% solution)	6.5-8.5
Acid Value (mg KOH/g)	130-155

Storage:

Store under dry conditions in full tightly closed containers. Minimum shelf life of 2 years under appropriate storage conditions.