Aako TEC

Triethyl Citrate

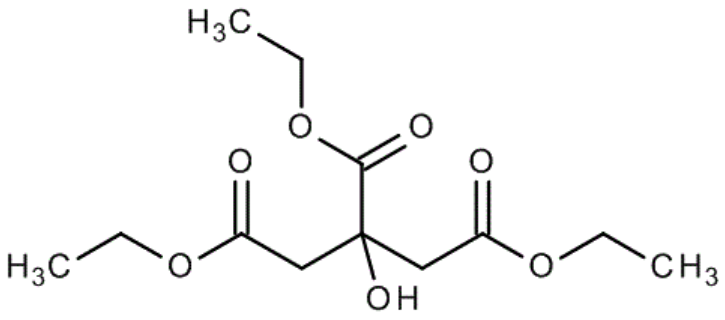
Description

Aako TEC (Triethyl Citrate) is a multifunctional light emollient, which is non-occlusive, non-oily, with low viscosity, resulting in fast spreading properties, rapid absorbency and low residual tack on the skin.

Emollient particularly suitable in sun care formulations due to its excellent compatibility profile with hard to dissolve organic sun filters. It functions as a non-oily emollient lubricant with mild drying effects and soft feel to the skin, making it perfect for Sun care and after Sun formulations. Aako TEC is used in deodorants as it inhibits the enzymatic decomposition of sweat components.

The sensory perception and responses shown by Aako TEC may be incorporated in various products in cosmetics: Sun Care products, Deodorants, Shower Gels, Facial Cleanser or Foams and After Shave Preparations.

▪ Chemical name	Triethyl Citrate
▪ INCI name	Triethyl Citrate
▪ CAS number	77-93-0



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Typical properties

Appearance	Clear oily liquid
Odour	Faint, Characteristic
Colour (APHA)	50 Max
Acid Value	≤ 0.2 (mg KOH/mg)
Specific gravity (25°C)	1.135 – 1.139
Purity by GLC	≥ 99%
Water content	0.25% Max
Refractive index (25°C)	1.439 – 1.445

Storage:

Store under dry conditions in full tightly closed containers. Shelf life of 3 years from the date of manufacturing when kept in closed container and away from heat.

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Disclaimer: The data submitted in this publication are based on the current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve processors from the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.