

Technical Datasheet

Ascorbyl Palmitate (RSPO-SG)

INCI-name: Ascorbyl Palmitate

EINECS: 205-305-4, CAS-no.: 137-66-6

	Standard
Appearance	White-yellow powder
Methanol solubility (10%)	Clear soluble
Melting range °C	107 - 117
Specific rotation (20°C)	+21 to +24
Loss on Dry	< 1,0%
Content	Min. 98%
Ash content	< 0,1%
Heavy metals (Pb)	< 10ppm

Application:

Ascorbyl palmitate is a oil soluble, powdery anti-oxidant produced from RSPO-SG certified palmitic acid. Ascorbyl palmitate is very stable on color and suitable with most cosmetic emollients.

Ascorbyl palmitate and tocopherol mixed in a relation of approx. 2:1 is a very effective anti-oxidant for insaturated fatty acid in oils.

Ascorbyl palmitate accelerates the collagen synthesis of the skin and, therefore, suitable for anti-aging products.

Ascorbyl palmitate reduces the creation of melanin in the skin and, therefore, be used in skin whitening products. By an enzymatic reaction, the ascorbyl palmitate is being splitted into ascorbic acid and fatty acid. The freed ascorbic acid avoids the oxidation step to melanin and, therefore, acts skin whitening.