

Technical Datasheet

Ascorbylisostearate

Ingredient (INCI name)	CAS No.	EC No.	%
Ascorbyl Isoesterate / Ascorbyl Sterate	--;25395-66-8	--;246-944-9	49.5 ~59.5
Isostearic Acid	2724-58-5 30399-84-9	250-178-0	40-50
Ascorbic Acid	50-81-7 62624-30-0	200-066-2 263-644-3	<0.5

	Standard	Typical value
Appearance	pale yellow liquid	pale yellow liquid
Specific Gravity g/cm ³	0,850-0,950	0,890
Refraction (25°C)	1,450 – 1,460	1,457
Heavy metals (Pb)	< 20ppm	complies
Arsenic (As)	< 2ppm	complies

Application:

Ascorbylisostearate is an oil Misoluble antioxidants. Ascorbylisostearate is very color stable and easily miscible with most of the cosmetic emollients. No heating, as for ascorbylpalmitate, is needed.

In cosmetic products it accelerates the synthesis of collagen and is therefore an excellent additive for antiaging products.

It is useful for skin whitening products, it inhibits the generation of Melanin of the skin. By enzymatic reaction it splits in the skin to Vitamin C and blocks the oxidizing step of the melanin generation.