

T-Hexuron™

INCI Name: Tetrahexyldecyl Ascorbate
CAS No: 183476-82-6



Description:

T-Hexuron™ is a stable form of Vitamin C, more specifically, it is the tetra-ester of ascorbic acid and isopalmitic acid. T-Hexuron™ is oil-soluble, which means it not only penetrates the epidermis (the uppermost layer of your skin), but also goes farther into the dermis, the deeper layer—which is where it needs to be to stimulate collagen production. Finally, T-Hexuron™ is also known to clarify and brighten the skin by inhibiting melanogenesis (the production of pigment) thereby promoting a more even skin tone.

Technical Data:

Test/Properties:	Specification:
Appearance	Colorless to light yellow liquid with a faint characteristic odor
Assay	≥ 95%
Color (APHA)	100 max
Specific gravity	0.930 - 0.9343
Refractive index (25°C)	1.459 - 1.465
Heavy metals	20 ppm Max
Arsenic	2 ppm Max

Usage Level: 0.5% - 3%, (Up to 10% with some applications)

Applications:

T-Hexuron™ is a powerful anti-oxidant, anti-inflammation, anti-acne, anti-aging and lightening agent. It can be found in various skin care products such as sunscreens, foundations, moisturizer treatments, facial cleansers, makeup primers, hair serums, styling gels, lotions and creams. Additionally, it is suitable for oil formulations, essences, emulsions, and makeup formulas.



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