

L-Hexuron™

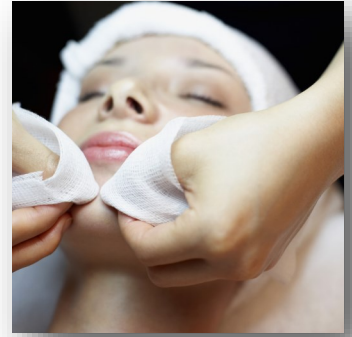
Skin-Lightener
Promotes Collagen

McKinley
resources, inc.

L-Hexuron™

INCI Name: 3-O-Ethyl-L-Ascorbic Acid

CAS Number: 86404-04-8



Description:

L-Hexuron™ is a superior vitamin C derivative. It is very stable, and is easily converted to the active form by enzymes in the skin. The ethyl substituent forms an ether with the 3-hydroxy group of the ascorbic acid, which results in much higher stability.

L-Hexuron is amphiphilic which makes it compatible in a broad array of emulsion systems and clear lotions.

Technical Data:

Test/Properties:	Specification:
Appearance	White crystalline powder
Odor	Slight characteristic odor
Melting point, °C	111.0 ~ 116.0
Loss on drying, %	2.0
PH value (20°C)	3.0 ~ 4.5
Content, %	98.0
Color solution (100g/L)	Colorless to pale yellow liquid
Total of bacterium, CFU/g	500
Hg, ppm	1
As(asAs ₂ O ₃), ppm	10
Pb, ppm	40

Recommended Use Level: 0.1% to 3.0%

Applications:

L-Hexuron is recommended especially for skin lightening and collagen stimulation. L-Hexuron is found in anti-aging products, foundations, sunscreens, masks, facial moisturizers, and conditioners. L-Hexuron is also used in liquids, gels, creams, and lotions.



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