

■ Cellulose Microcrystalline

Introduction

Microcrystalline cellulose (and) cellulose gum (and) xanthan gum. It produces emulsions with a fine and stable structure. Provides an excellent skin feel with improved moisturisation. The sugar parts of the molecules are compact, lipophobic, align in layers, trapping oil and other actives, making the resulting emulsion very stable. Provides an excellent delivery vehicle to the skin. 100% PEG-free emulsifier, non-ionic, for all oil in water emulsions, made with natural, high quality, renewable and non-GMO raw materials. It is available with different formulations for different creams such as sunflower body butter, organic skin repair cream and wrinkle reduction day cream. It is safe, mild, Ecocert approved and biodegradable. Provides long term stability of formulations by minimising emulsion coalescence. It is used in face creams, hand and foot creams, body butters, lotions, creamy makeup removers, sunscreens, baby products and many more.

Ingredient

Product Name	Cellulose Microcrystalline
CAS	9004-34-6
MF	H2
MW	2.01588
MS	H ₂

Item and Standard

ITEMS	UNIT	STANDARD
Appearance		White powder
Solubleness		Insoluble in water
Identification (1)		Positive
Identification (2)		Degree of polymerization ≤ 350
PH		5.0-7.0
Chloride	%	≤ 0.03%
Aqueous Solution	%	≤ 0.2%
Ether Solution	%	≤ 0.05%
Starch		Negative
Conductivity		≤ 75 us/cm
Loss on Drying	%	≤ 7.0%
Residue on Ignition	%	≤ 0.1%

Heavy Metal	%	≤0.001%
Arsenic Salt	%	≤0.0002%
Total Aerobic Bacteria		≤1000cfu/g
Yeast & Mold		≤100cfu/g
Escherichia Coli		Negative

Application

- 1.Sun care (Sun protection, After-sun & Self-tanning)
- 2.Toiletries (Shower & Bath, Oral care...)
- 3.Skin care (Facial care, Facial cleansing, Body care, Baby care)
- 4.Decorative cosmetics/Make-up
- 5.Hair care (Shampoos, Conditioners & Styling)



MAIN USAGE



Microcrystalline Cellulose is used as a texturizer, an anti-caking agent, a fat substitute, an emulsifier, an extender, and a bulking agent in food production. The most common form is used in vitamin supplements or tablets.



Packaging

25KG

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.