

TECHNICAL DATA SHEET

Product Name: Agave Leaf Extract 10:1

INCI Name: Agave Tequilana Leaf Extract

CAS: 85186-53-4

Synonyms: Century plant, Maguey (Mexico)

Country of Origin: China

Description: Belongs to the Agavaceae family. It grows in Mexico and can also be found in the southern parts of the United States, as well as in central and tropical parts of South America. The powder contains a large amount of dietary fibers (38.40%), sugars (45.83%), and proteins (35.33%), including vitamin C and B vitamins. The Agave leaf extract is concentrated at a 10:1 ratio, meaning the amount of plant material used to obtain the extract is ten times greater than the final extract quantity. This ratio is used to emphasize the strength of the extract and its efficacy. It is soluble in water, glycerin, and glycols.

Benefits:

- **Hydration:** Agave contains natural sugars, such as fructans, which help hydrate the skin. These sugars can attract and retain moisture in the skin, making it soft and hydrated. Fructans have the ability to form a hydrogel matrix on the skin's surface, allowing the skin to retain water and stay hydrated. Additionally, they can help strengthen the skin's natural barrier, protecting it from harmful external influences, improving its overall texture and appearance. Due to these properties, agave leaf powder is often used in skincare product formulations, such as moisturizing creams, face masks, and serums.

- **Soothing Properties:** Thanks to its soothing and anti-inflammatory properties, agave leaf powder can help reduce redness and irritation, making it suitable for sensitive or inflamed skin.

- **Anti-aging Effects:** The wealth of antioxidants in agave helps fight free radicals and can contribute to reducing signs of aging, such as fine lines and wrinkles.

- **Antibacterial Properties:** Some ingredients in agave have antibacterial properties, which can help prevent acne and other bacterial skin infections.

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• **Skin Exfoliation:** Mild exfoliating effects of agave leaf powder can help remove dead skin cells, giving the skin a healthier appearance and a brighter complexion.

Usage: Used for making aqueous-glycerine extracts, glycerites, tinctures, and other cosmetic semi-products. Recommended concentrations range from 5-10%.

Storage/Shelf Life: Stable when stored in a dry and cool place. Shelf life of 2 years.

Animal Testing: The substance has not been tested on animals.

GMO: Non-GMO

Vegan: Does not contain animal-derived components.