



Drawing from the ancient wisdom of Chinese and Aurvedic medicine ***Centella asiatica*** extract is intended to be used as an anti-inflammatory and skin hydrating agent that also decreases transepidermal water loss. Scientific research has also proven its wound-healing properties.

CENTELLA ASIATICA

INCI NAME

Centella asiatica extract,
propanediol or glycerine, water

CHARACTERISTICS

Appearance: Yellow/brown liquid

Solubility: Water soluble

pH range: 4.5 - 6.0

- China compliant
- Non-irritant
- Derived from nature
- Traditionally used
- Safe

USAGE

Use level: 1-6%

Shelf-life: 24 months

EFFICACY

- Hydrating
- Anti-inflammatory
- Healing



SOURCE

Centella asiatica is a perennial herbaceous creeper belonging to the family *Umbellifere* (*Apiceae*) and is found throughout India growing in moist places up to an altitude of 1800 m. The herbs are gathered by independent collectors and delivered to aggregation points before being transported to drying facilities. This product is manufactured from raw materials of strictly vegetable origin. The extract is manufactured by maceration followed by filtration.

TRADITIONAL USE

Centella asiatica has a rich history of traditional use across various cultures due to its remarkable medicinal properties. In traditional Ayurvedic and Chinese medicine, it is considered a potent herb for promoting skin healing and rejuvenation. *Centella asiatica* has been historically used to treat wounds, burns, and skin ailments due to its anti-inflammatory and wound-healing properties. Additionally, it has been incorporated into traditional remedies for improving circulation, alleviating anxiety, and enhancing cognitive function. In Southeast Asia, it is consumed as a tea or incorporated into topical formulations to promote overall well-being and skin health. Its longstanding reputation in traditional medicine underscores its efficacy and versatility as a natural cosmetic extract, offering a time-tested solution for radiant and youthful skin.

ACTIVE COMPONENTS

Centella asiatica extract is renowned for its abundance of bioactive constituents, making it a powerhouse ingredient in natural cosmetics. Analysis reveals that this extract contains a diverse array of phytochemicals, including triterpenoids such as asiaticoside, madecassoside, asiatic acid, and madecassic acid. These compounds have been extensively studied for their potent antioxidant and anti-inflammatory properties, which play a crucial role in promoting skin health and combating signs of ageing. Moreover, *Centella asiatica* extract is rich in amino acids, fatty acids, and vitamins, providing nourishment and hydration to the skin. With its multifaceted benefits, *Centella asiatica* extract stands as a cornerstone in skincare formulations, offering a holistic approach to achieving radiant and youthful-looking skin.

CLAIMS AND ACTIVITY

Centella asiatica extract is a rich source of natural bioactive substances, triterpenoid saponins, flavonoids, phenolic acids, triterpenic steroids, amino acids and sugars. *Centella asiatica* extract boasts a myriad of biological activities. Its versatile properties encompass anti-oxidant and anti-inflammatory activities with good hydrating properties. In a clinical in vivo study, tests formulations containing 5% of *Centella asiatica* extract showed improved skin moisture by increase of skin surface hydration state and decrease in transepidermal water loss as well as exhibited anti-inflammatory properties. Additionally, its antioxidant activity helps to protect the skin from environmental stress and UV-induced damage, contributing to a more youthful and radiant complexion. With its comprehensive range of benefits, *Centella asiatica* extract offers a holistic approach to achieving healthy and rejuvenated skin.

