

Vitamin C L ascorbic acid

FACT SHEET

Description: Active form of vitamin C as it occurs naturally. Purity 99.4 %, pH 3 (0.5 % solution). White powder, ultrafine, odorless. Easily soluble in water & alcohol. CAS# 50-81-7.

INCI Name: L-ascorbic acid.

Properties: Potent anti-oxidant (protects skin from oxidative damages e.g. by sun rays), anti-aging effects (improves skin elasticity by enhanced collagen production, avoids hyperpigmentation incl. age spots, anti-inflammatory & soothing effects. Anti-oxidant effect can be increased by combining L-ascorbic acid with L-ascorbyl palmitate and/or vitamin E.

Use: Add to water phase of formula, usual final concentration 0.2-4 %. Should be formulated at pH <3.5 for best results.

Application: Lotions, creams, sun care & after sun products, shampoos, makeup products (e.g. lipsticks).