

Allantoin

FACT SHEET

Description: Natural active ingredient derived from roots & leaves of the comfrey plant, purity 98 %, melting point 230oC (446oF). White crystalline powder, odorless. Water soluble (ca. 1g / 200 ml). Synonyms: 5-ureidohydantoin, glyoxyl-diureide, 2,5-dioxo-4-imidazolidinyl-urea. CAS# 97-59-6.

INCI Name: Allantoin.

Properties: Protects skin (e.g. burns, sunburns, scrapes), repairing agent by promoting keratolysis & cell proliferation (e.g. chapped, cracked skin & lips), relieves dryness, soothing effects (e.g. diaper rash).

Use: Add to aqueous phase of formulas, usual concentration 0.2 - 2%.

Application: Lotions, creams, protective creams, sun care & after sun products, shampoos, scalp rinses, shower gels, lip & baby care products.