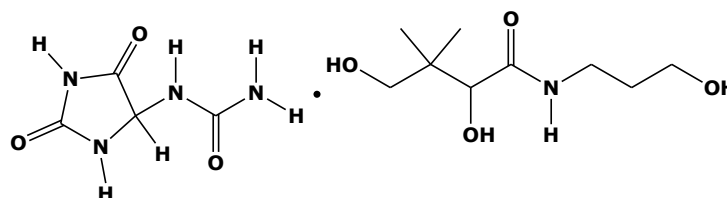




## Alpantha

**INCI name:** Panthenol, Allantoin



**Appearance:** White powder

### Description

Alpantha is a functional compound that combines the beneficial properties of panthenol and allantoin on the skin. It promotes epidermal's cell turnover and increases water binding properties of the stratum corneum and hair keratin. Exerts anti-inflammatory and soothing effects on irritated skin and, due to its cellular stimulating activity, accelerates healing of various skin lesions.

Alpantha is a highly skin-compatible active ingredient that helps to maintain healthy conditions of skin, oral mucous and hairs. Its application on irritated, inflamed or injured tissue helps relief from pain and promotes the cell-proliferation.

### Properties and stability

Alpantha is soluble in water, slightly in alcohols, insoluble in oils.  
Stable in the pH range 3-8 and to 70°C process heating.

### Applications and use levels

Alpantha is an active ingredient with keratolytic, moisturizing, soothing, anti-inflammatory and cell-proliferant effects that improves the physiology and appearance of skin, mucous and hairs. It is particularly suitable for the treatment of inflamed skin, oral mucous diseases and damaged hairs in many cosmetic and cosmeceutical applications.

Alpantha can be incorporated at **1-5%** in a variety of cosmetic formulations for skin, hair and oral care including:

- **Dry-sensitive skin products:** increases the water content of stratum corneum, soften and smooth the skin surface and exerts a soothing anti-irritant effect.
- **Sun products:** counteracts moisture loss, exerts a soothing and anti-inflammatory on the solar erythema and promotes healing of sunburned skin.
- **Shave products & baby products:** serves to sooth shaving and diaper irritations and helps the regeneration of the damaged epithelium.
- **Hair products:** penetrates into the hair shaft giving long lasting softening, hydrating and conditioning effect, enhances strength of hair, prevents damages and reduce split-ends;
- **Oral products:** helps to reduce the inflammation of the gums and promotes the mucous renewal process.

### Technical support

For further information, documentation and samples please contact us.

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