



## ESSENTIAL SPECIALISED PRODUCTS

### D-Panthenol (ProVitamin B5)

**Botanical Name:** Pantothenic Acid

**Appearance:** Colourless, viscous and clear liquid

**CAS Number:** 81-13-0

**Miscible in Water:** yes

**Miscible in Oil:** No

D-Panthenol is the pro-vitamin of D-Pantothenic acid (Vitamin B5) for use in hair, skin and nail care products. It acts as a skin conditioning agent to provide deep penetrating moisture to the skin, stimulating epithelisation to provide wound healing and anti-inflammatory effects. It also functions as a hair conditioning agent to provide long lasting moisture to hair, preventing damage, thicken hair and improve lustre and sheen. This product can also be used in nail care products to improve hydration and impart flexibility.

It acts as an anti-inflammatory agent and possesses healing, thickening and penetrating properties. It offers improved flexibility, lustre, sheen and hydration. D-Panthenol is used in antiperspirants & deodorants, liquid soaps, personal care wipes, toothpastes/mouthwashes, shower/bath formulas, shampoos, self-tanning, face cleansing, conditioning and after-sun, body- & baby care products.

#### Application:

Skin Care  
Hair Care  
Nail Care  
Sun Care  
Lip Care  
Baby Care  
Cosmetics



#### Benefits

- Anti-inflammatories
- Quick penetration / quick absorption
- Wound healing
- Shine / Radiance

*This information is believed to be current and accurate but is provided without any warranty expressed or implied. Customers are advised to determine in advance the safe conditions for use of this product.*