



# dl Panthenol 50%

INCI: dl Panthenol

<u>Molecular Formula</u>	<u>C9H19NO4</u>
<u>Molecular Weight</u>	<u>205.25</u>
<u>CAS Registry Number</u>	<u>16485-10-2</u>
<u>EINECS</u>	<u>240-540-6</u>

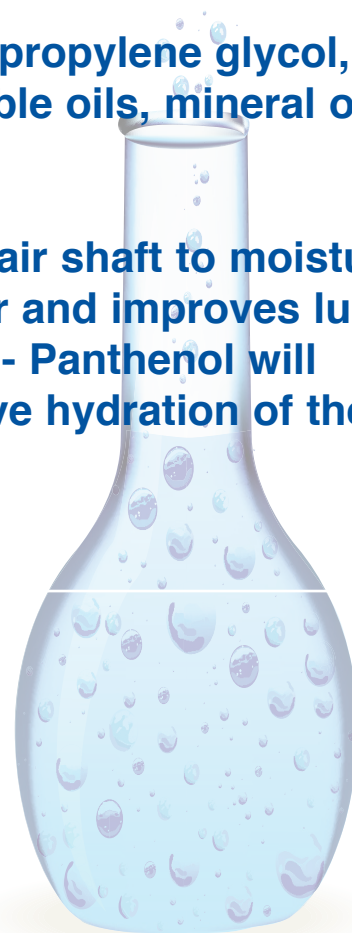
dl Panthenol, also known as 'Pro-Vitamin B5', is a white, hygroscopic powder.

dl Panthenol is freely soluble in water, ethanol and propylene glycol, slightly soluble in glycerin, and insoluble in vegetable oils, mineral oils and fats.

In haircare preparation, dl-Panthenol binds to the hair shaft to moisturize and strengthen hair. dl-Panthenol also thickens hair and improves luster and sheen. When used in skin care formulations, dl- Panthenol will effectively reduce irritation and redness and improve hydration of the skin.

**Recommended Use Levels: 0.1 – 5.0%**

Appearance:	Clear Solution
Aminopropanol:	0.05 MAX
Heavy Metals, ppm:	20 MAX
Loss on Drying, %:	49.0 – 51.0
Methylene Chloride, ppm:	500 MAX
pH (25°C):	5.50 – 7.00



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