XI'AN AOGU BIOTECH CO.,LTD

WhatsApp | +86 18091843361

Products name

INCI

lel number | 0086-29-89121514

Web | www.aogubio.com

Email | info@imaherb.com

Address | Rm 606, B3, Jinye Times, Jinye Road, Yanta District, Xi'an China 710065



Product Specification

dl-Panthenol

General Information

dl-Panthenol

Panthenol

Cas No	16485-10-2	
Appearance	White crystalline powder	
Solubility	Soluble in water	
Typical usage rate	1-5%	
Standard	GMP, Kosher, HALAL, ISO9001, HACCP	
ADDITIONAL INFORMATION		
Product Description	D,L-Panthenol, aka Pro-Vitamin B5, is a stable racemic mixture of D-Panthenol and L-Panthenol. The human body readily absorbs DL-Panthenol through the skin and it rapidly converts D-Panthenol to Pantothenic Acid (Vitamin B5), a natural constituent of healthy hair and a substance present in all living cells. When it comes to moisturization properties- improved hydration, reducing water loss and maintaining skin elasticity and softness- this racemic mixture is 100% active. When applied for skin epithelization (wound healing), only D-Panthenol is converted to Vitamin B5 and not the L-Panthenol, so D,L-Panthenol has only half of the physiological activity of D-Panthenol.	
Benefits	Studies have shown D-Panthenol promotes stimulation of epithelization, granulation, mitigation of itching and has an anti-inflammatory effect. When used in formulations over the course of three to four weeks, it has the potential to improve the appearance of the skin, including dryness, roughness, scaling, pruritus and erythema.	
Applications	 Shampoo and Conditioning Bar with Varisoft EQ 65 DIY Hydrating B5 Gel Exfoliating Body Conditioner 	

Hydrating Resveratrol & Niacinamide Facial Moisturizer

Soothing and Moisturizing Lotion with Montanov 68

Moisturizing Lotion with Simulgreen 18-2

Silky Hydrating Lotion with Babassu

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Formulation Guide	 Hydrating & Conditioning Gel Serum Protecting & Moisturizing Facial Serum Simple & Luxurious Hair Conditioner Time Defy Facial Serum DIY C&E with Ferulic Acid Skin Soothing Toner Soothing & Clarifying Serum 1-5% in skin care, with the higher end of the range for more
	therapeutic applications.
	0.75–1% for shampoos and conditioners, 0.5–0.75% for hair styling products. 1% for nail care.
Packaging	25kg / drum; paper drum, 5kg / PE-bag; 1kg / PE-bag
	Inner-Packaging filled in PE-bag, filled in second PE bag PE Bags:food grade
Shelf life	2 years when properly stored
	Store at room temperature or lower, keep tightly closed,
	protect from light, humadity and insects

