TDS · TECHNICAL DATA

D-Panthenol Powder 100 g

Article: VV23111505 · **INCI:** Panthenol
Document No. TDS-296511-EN-2611 · **Revision:** 11.2026

Product page

1 General information

Product name	D-Panthenol Powder 100 g
Article	VV23111505
Product type	Cosmetic ingredient
INCI	Panthenol
Synonyms	Panthenol, Dexpanthenol, Provitamin B5

2 Specification

Appearance	powder
Color	White powder
Solubility	Well soluble in water, propylene glycol, alcohols, slightly soluble in glycerin.
Density	0.9–1.3 g/cm³
Bulk density	0.3–0.8 g/cm³
pH	not determined
Odor	characteristic
Pack size	100 gr

3 Applications and dosage

Application areas	• D-Panthenol is used in a wide variety of cosmetic formulations: products for skin • hair • baby creams • sunscreens • aftershave creams. In hair care products • D-Panthenol forms a protective film that retains moisture for a long time • penetrates the follicles and hair strands • thickens the hair • prevents damage • relieves itching of the scalp. In sunscreens • D-Panthenol increases the formation of protective pigment and reduces the effect of UV rays on the skin.
Recommended dosage	1–5 %
Compatibility	Compatible with most cosmetic ingredients. Stability in the finished formulation should be verified.

4 Storage and packaging

Storage conditions	in tightly closed original container, in a cool dry place, protected from direct sunlight, at +5...+25 °C
Shelf life	until 10.2028 in closed original packaging
Packaging	sealed original container (bottle, jar or bag) / transport container

Quality control: every batch is checked against the reference standard for color, appearance and particle size.

Approved by: Quality Department · Mylo-Opt

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