TDS · TECHNICAL DATA

D-Panthenol 75% (Vitamin B5) 50 g

Article: VV23111419 · **INCI:** Panthenol
Document No. TDS-296505-EN-2611 · **Revision:** 11.2026

Product page

1 General information

Product name	D-Panthenol 75% (Vitamin B5) 50 g
Article	VV23111419
Product type	Cosmetic ingredient
INCI	Panthenol
Synonyms	D-Panthenol, Dexpanthenol, Provitamin B5

2 Specification

Appearance	viscous liquid
Color	translucent viscous liquid
Solubility	Well soluble in water, propylene glycol, alcohols, slightly soluble in glycerin.
Density	0.9–1.3 g/cm³
pH	not determined
Odor	characteristic
Pack size	50 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	for shampoos, balms
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 01.2028 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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