

Provitamin B5 (d-panthenol)

Specification Sheet

Description: Provitamin B5 (synonyms: D-pantothenyl alcohol, pantothenol, dexpanthenol) is the alcohol analog of pantothenic acid (vitamin B5). Activity 75%

CAS: 81-13-0, 7732-18-5, 599-04-2

INCI Name: d-panthenol, water, pantolactone

Composition: d-panthenol, water, pantolactone

Appearance: Clear viscous liquid, no or faint odor.

Benefits:

- Penetrates readily into skin & hair
- Has good moisturizing and softening properties
- Soothes irritated and blemished skin
- Gives the hair moisture & shine and reduces split ends.

Use: Liquid for easy use. Add at the end of formula and mix well. It is miscible with common emollients and ethanol. Use levels: EU max 10%, USA max 15%, Japan max 10% Australia max 15%. For external use only.

Applications: Add to cold or hot formulas, usual final concentration 0.5-5%. For external use only.

Solubility: Soluble in water & alcohol, not in oils.

Preservation: Preservative-free.

Storage: Store light-protected at a cool and dry place.

Country of Origin: USA

Raw material source: Propanolamine and beta-dimethylbutyrolactone

Manufacture: Panthenol is synthetically produced by combining propanolamine and beta-dimethylbutyrolactone.

Animal Testing: Not animal tested.



10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

GMO: GMO-free (does not contain plant-derived components).

Vegan: Does not contain animal-derived components.

HS Code: 2936240100