

SALES PRODUCT SPECIFICATION

Product Name:	Primesurf D Pan 75
INCI Name:	Panthenol & Aqua
Description:	D-Panthenol is a colourless, viscous and clear liquid. D-Panthenol is the provitamin B5. In cosmetics and personal care products, D-Panthenol is a humectant, emollient and moisturiser. Primesurf D Pan 75 is 75% water solution of D-Panthenol
CAS Number:	81-13-0 & 7732-18-5
EC Number:	201-327-3 & 231-791-2
Issue No:	4
Date of Issue:	14/10/2024

Properties	Units	Value
Appearance		Colourless / clear or slight yellow viscous liquid
Assay	%	Min. 75
Identification		Positive reaction
Specific Rotation	°C	+ 29 ~ + 32
Water	%	Max. 25
pH (5%)	%	5.5 – 7
Aminopropanol	%	Max. 1
Residue on Ignition	%	Max. 0.1
Refractive Index (20°C)	°C	1.466 ~ 1.475
Heavy Metals	ppm	Max. 10
Total Plate Count	cfu/g	Max. 100

Any suggestion or representation concerning any possible use of the product made or supplied by SFC Limited, whether in literature or the in response to a specific enquiry, is given in good faith, but it is entirely for end user to satisfy itself fully as to the suitability of the product for any particular purpose. No warranty or representation relating to such possible use is expressly given or shall be implied (whether by statute or otherwise) and shall be excluded, so far as is legally permissible.



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Additional Information:**Storage, packaging and handling**

Storage: Store in cool dry place. Keep away from strong light and heat.

Shelf life: 2 years when properly stored.

Usage

Panthenol comes in two enantiomers, D and L. Only D-Panthenol is biologically active, however both forms have moisturizing properties. D-Panthenol is applied in almost all types of cosmetic preparations. It cares for hair, skin and nails. Providing revitalizing and conditioning effects, D-Panthenol possesses humectant-like properties that aid in skin absorption.

For D-Panthenol,

Rinse-off hair conditioner 1% to 5%

Leave-in hair conditioner 0.1% to 0.5%

Hair tonic / serum 0.3% to 1.0%

Facial & body lotions 0.2% to 1.0%

Anti-aging serum 0.4% to 2%

After-sun lotions 0.5% to 2.0%

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