



Jungbunzlauer

From nature to ingredients®

ERYLITE®

ERYLITE® Erythritol is a potent moisturising agent in both leave-on and rinse-off skin care formulations. Besides its very gentle properties that cause no irritation, it brings a distinct improvement in skin hydration without stickiness or any unpleasant odour. In shampoos and conditioners, ERYLITE® shows a smoothing effect that leads to frizz reduction and improved combability of the hair. ERYLITE® is tooth-friendly and works in oral care products as a powerful cariostatic agent.

Presentation

ERYLITE® is a sweet-tasting compound that chemically belongs to the sugar alcohols and shares therefore many of the functional properties that are typical for the polyols family. During rapid dissolution in an aqueous matrix, ERYLITE® shows a strong cooling of the solution (heat of solution: - 43 kcal/kg).

Production

ERYLITE® is a naturally occurring sugar alcohol, produced commercially by microbial fermentation of a carbohydrate substrate and purified by crystallisation.

Characteristics

ERYLITE® is a fine, white crystalline powder and is practically

odourless. It is freely soluble in water, slightly soluble in alcohol, insoluble in diethyl ether.

INCI name

Erythritol

INCI functions

Humectant, moisturising, skin conditioning

Applications

Colour cosmetics, deodorants, hair care, oral care, skin care, soap and bath products




Functions and typical dosage



	Minimum recommended amount	Maximum recommended amount
■ Moisturising	1.5%	5.0%
■ Cariostatic agent (mouthwash)	2.5%	6.0%
■ Cariostatic agent (toothpaste)	4.0%	38.0%






Related documents

Formulation examples

-  Mouthwash with Zinc Lactate and ERYLITE® Stevia 400
-  Leave-in spray conditioner with ERYLITE®
-  Toothpaste with cooling crystals of ERYLITE®

-  Water-free face scrub in tablet form
-  Premium nourishing shampoo with ERYLITE®

Articles

-  Natural moisturising solutions – gentle and effective
-  ERYLITE® Erythritol in oral care
-  ERYLITE® Erythritol boosts hair conditioner performance
-  ERYLITE® Erythritol – adding functionality to hair shampoo