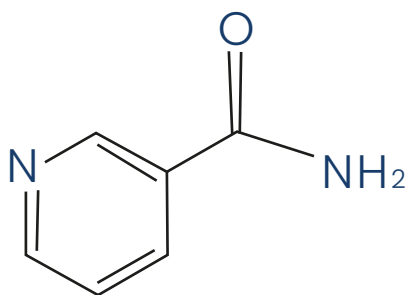


CAS#98-92-0

IWHITE VB3

MULTIFUNCTIONAL. WRINKLES, SPOTS, ACNÉ AND GENERAL SKIN CONDITIONS. NIACINAMIDE

- Whitening/lightening action.
- Reduces wrinkles.
- Protects against oxidative stress.



iWhite VB3 is a form of vitamin B3 (niacin). This water-soluble vitamin, is used in cosmetics and personal care products as hair conditioning agent, skin-conditioning agent and also is used for skin smoothing.



Actions

Immunity	Niacinamide helps to build Keratin, a type of protein that keeps the skin firm and healthy.	Protects against sun damage	Niacinamide promotes skin cell proliferation and protects from damage caused by ultraviolet rays.
Lipid barrier	Niacinamide improves skin barrier responsible to keep moisture content. This is beneficial for all skin types, especially if when eczema occurs or for mature skin.	Treats hyperpigmentation.	Some research has found 5 percent niacinamide concentrations can be helpful for lightening dark spots in a few weeks time.
Minimizes redness and blotchiness	Niacinamide reduces inflammation, and as a consequence the redness from eczema, acne, and other inflammatory skin conditions.	Minimizes fine lines and wrinkles	Reduces the signs of photodamage and chronological aging.
Minimizes pore appearance	Keeping skin smooth and moisturized may have a secondary benefit – a natural reduction in pore size over time.	Protects against oxidative stress	Niacinamide protects skin cells from environmental stresses, such as sunlight, pollution, and toxins.
Oil reduction	Niacinimide regulates the amount of oil produced in the sebaceous glands.	Acne	Niacinamide reduces signs of severe acne, especially inflammatory forms like papules and pustules. Over time, lesions diminishes and there is an improvement in the skin texture.



Application

- Whitening/lightening creams and lotions.
- Day and night creams.
- Serums/tonics
- Anti-acne formulations



Formulation instructions

In formulation, it can be used in concentrations of up to 10%.

Typical concentrations in body lotions, face creams and hand creams is 3-4%.

3% Niacinamide can be added to the water phase of the formulation. It can also be added directly to the finished product.

Technical Data

Contents	iWhite VB3
Aspect	Crystal powder
Color	White
Melting point	128 – 131°C
Assay	More than 99%
Additives	Preservatives: No applicable



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