

Vitamin B3 (Niacinamide), USP

Specification Sheet

Description: Niacinamide is one of the two forms of vitamin B3 (the other is niacin) and can be found in many foods including yeast, meat, fish, milk, eggs, green vegetables, beans, and cereal grains. Water-soluble form of niacin, an essential vitamin of the B group, known as vitamin B3. Purity 99-100%.

CAS: 98-92-0

INCI Name: Niacinamide

Composition: Niacinamide

Appearance: Colorless crystals or a white, crystalline powder to white granules

Benefits:

- USP grade
- Has soothing activity useful for blemished skin
- Can improve the appearance of aged, hyperpigmented and photodamaged skin
- Can reduce the appearance of wrinkles and fine lines
- When combined with vitamin A palmitate, niacinamide showed enhanced skin lightening properties

Use: Add to water phase of formula or directly into a finished cream or cream base. Typical use level is 1-6 %, with 5% being a typical and effective concentration. For external use only. Avoid adding to an acidic product, ideal final pH of product should be 6. Should not be combined with l-ascorbic acid. It can hydrolyze and form nicotinic acid at higher or lower pH, which can result in skin irritation. For external use only.

Applications: Products for blemished skin, lotions, creams, sun care & after sun products, makeup products, anti-aging products.

Solubility: Soluble in water, ethanol, glycerol

Preservation: Preservative-free

Storage: Preserve in original, tightly closed container. Store light protected in a cool, dry place.

Country of Origin: India

Raw material source: Starting material is 3-cyanopyridine, a pyridine-derived intermediate of synthetic origin



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Manufacture: Niacinamide (nicotinamide) is manufactured via a controlled synthetic process from pyridine-derived intermediates, followed by catalytic conversion, crystallization, and purification to ensure high purity, consistency, and quality.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 2936291630