

## TECHNICAL DATA SHEET

Effective date: 10.2024

### Niacinamide

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Niacinamide
Chemical names of the active ingredient	Nicotinamide, niacinamide, 3-pyridinecarboxamide, nico- tinic acid amide, pyridine 3-carboxylic acid amide, Vitamin B3, Vitamin PP
Chemical formula	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O

#### TECHNICAL DATA

##### Physical parameters

Appearance	Solid, crystalline powder
Color	White
Odor	Characteristic, mild
Solubility	Extremely soluble in water (about 70 g/100 ml) at 20 °C, readily soluble in alcohol (ethanol), soluble in glycerol and sparsely soluble in ether
Particle-size distribution	Min. 92% smaller than 250 µm (60 mesh USP)

##### Chemical parameters

Assay (HPLC)	99 - 101 %
Molar mass	122.1 g/mol
Nicotinic acid	Max 0.10 %
3-Cyanopyridine	Max 0.10 %
Any unspecified impurity	Max 0.10 %
Total impurities	Max 0.2 %
pH (5g/100ml water)	6.0 -7.5
Loss on drying	0.5 %
Sulphated ash (2h, 600°C)	Max 0.10 %
Heavy metals	Max 20 mg/kg

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#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers at a temperature of max. 25°C, keep dry and avoid humidity
Shelf Life	48 months, in closed packaging and the recommended conditions.

#### LEGISLATION

Regulatory Status	This material complies with Regulation (EU) No. 1223/2009 in all the defined requirements.
CMR substances	This material does not contain as an ingredient any substance classified as CMR (Carcinogenicity, Germ Cell Mutagenicity and Reproductive Toxicity) from classes 1A, 1B or 2 in accordance with CLP Regulation 1272/2008 and its subsequent amendments.
Nanomaterials	Not expected to contain any nanomaterial meaning an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm, as defined in Regulation (EC) No 1223/2009 on cosmetic products.
Animal testing	This material has not been the subject of animal testing for cosmetic purposes according to EC Regulation 1223/2009
Volatile Organic Compounds (VOC)	This material does not contain any ingredient that, according to the information provided by our suppliers, falls under the definition of Volatile Organic Compound (VOC) as described in Directive 2004/42/CE
Information for Vegan Assessment	This material is Vegan, and Vegetarian suitable. Manufacture does not involve the use of animal by-product.
Allergen statement	This material does not contain fragrance allergens listed under Annex III to Regulation (EC) 1223/2009 with amendments of Commission Regulation (EU) 2023/1545 on cosmetic products
EINECS	202-713-4
CAS	98-92-0

#### DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.