

## Vitamin B3 (Niacinamide) PC

Safety Data Sheet according to Federal Register / Vol. 77, No. 58  
/ March 26, 2012 / Rules and Regulation

Revision Date: 02/28/2020  
Supersedes: 01/03/2020

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Vitamin B3 (Niacinamide) PC	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	Nicotinic acid amine Vitamin PP	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Niacinamide	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	98-92-0	<b>Web:</b>	www.makingcosmetics.com
<b>Formula:</b>	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O	<b>Emergency Telephone Number:</b>	1-800-424-9300
<b>Product Form:</b>	Powder	<b>(Chemtrec)</b>	
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Eye irritation, Category 2

**GHS Hazard Pictograms:**



**Signal Word:**

WARNING

**GHS Hazard Statements:**

H319: Causes serious eye irritation.

**GHS Precautionary Statements:**

P264: Wash skin thoroughly after handling.  
P280: Wear eye protection/face protection.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313: If eye irritation persists: Get medical advice/attention.

**Potential Health Hazards:**

Eyes: Causes eye irritation.  
Inhalation: May cause respiratory irritation.  
Skin: May cause skin irritation in susceptible persons.  
Ingestion: May cause irritation.

**NFPA Ratings (704):**

Health	1	Slight
Flammability	2	Moderate
Reactivity	0	Minimal
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Nicotinamide	98-92-0	≥90 - ≤100%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** In case of eye contact, immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

**Inhalation:** If inhaled, remove from area to fresh air. Get medical attention after significant exposure.

**Skin:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, consult a physician.

**Ingestion:** Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. If symptoms develop, get medical attention if necessary.

## 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.

**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

**Flash Points:** No data available

**Specific hazards arising from the chemical:** None known. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Ensure adequate ventilation. Avoid breathing dust. Avoid dust formation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:** Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

**Conditions for safe storage, incl. any incompatibilities:** Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Niacinamide	Not available		

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

### Personal Protection:

**Eyes:** Safety glasses with side shields should be worn.

**Inhalation:** In the case of dust or aerosol formation, use respirator with an approved filter.

**Body:** Choose body protection according to the amount and concentration of the dangerous substance at the workplace. Consider the hazard characteristics of this product and any special workplace conditions when selecting the appropriate type of protective gloves (for example: nitrile rubber).

**Other:** Do not take internally. Do not eat or drink when handling. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White crystalline powder	<b>Vapor Pressure @ 25 °C:</b>	0.00045 hPa
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not applicable

<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	White	<b>Flammability:</b>	No data available Not highly flammable; may form combustible dust concentrations in air
<b>Molecular Weight:</b>	122.13 g/mol	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH (as aqueous solution):</b>	6.0-7.5	<b>Flash Point:</b>	182 °C
<b>Boiling Point/Range:</b>	224 °C (20 hPa)	<b>Specific Gravity:</b>	No data available
<b>Melting Point/Range:</b>	128-131 °C	<b>Solubility in Water @ 25 °C:</b>	500 g/L
<b>Density @ 25 °C:</b>	1.4 g/cm <sup>3</sup>	<b>Auto-Ignition Temperature:</b>	No self-ignition observed at temps. below melting point
<b>Partition Coefficient: n-octanol/water @ 20 °C:</b>	log Pow -0.38	<b>Decomposition Temperature:</b>	Not relevant
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	Not explosive
<b>Oxidizing Properties:</b>	No data available	<b>Solubility in Ethanol:</b>	660 g/L
<b>Solubility in Glycerol:</b>	Soluble	<b>Solubility in Diethylether:</b>	ca. 10 g/L
<b>Particle Size:</b>	≤10% <0.050 mm	<b>Dissociation Content:</b>	pKa 3.35
<b>Combustibility Index for Deposited Dust:</b>	2 (23 °C) 2 (100 °C)	<b>Minimum Ignition Temp. of Dust/Air Mix:</b>	480 °C

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No hazards to be specially mentioned.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization:</b>	Dust may form explosive mixture in air.
<b>Conditions to Avoid:</b>	Heat.
<b>Incompatible Materials:</b>	Acids & bases. Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Carbon oxides, nitrogen oxides (NO <sub>x</sub> ).

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not known
<b>Skin:</b>	LD50: >2000 mg/kg
<b>Eyes:</b>	Moderate eye irritation. Can be irritating to the eyes.
<b>Respiratory:</b>	May cause irritation of respiratory tract.
<b>Ingestion:</b>	LD50: >2500 mg/kg LD50: 2500 mg/kg
<b>Carcinogenicity:</b>	Did not show carcinogenic effects.
<b>Teratogenicity:</b>	Not teratogenic.
<b>Germ Cell Mutagenicity:</b>	Not mutagenic. Not genotoxic.
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	This substance or mixture is not classified as a specific target organ toxicant, single exposure.
<b>Reproductive Toxicity:</b>	No indication for adverse effects on fertility known.
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Corrosivity:</b>	No data available
<b>Sensitization:</b>	Did not cause sensitization.
<b>Irritation:</b>	No data available
<b>Repeated Dose Toxicity:</b>	NOAEL: 215 mg/kg bw/d (28d)

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	LC50: >1000 mg/L (96h) (Poecilia reticulata)

<b>Aquatic Invertebrate:</b>	EC50: >1000 mg/L (24h) (Daphnia magna)
<b>Terrestrial:</b>	IC50: >1000 mg/L (72h) (Desmodesmus subspicatus)
	EC10: 4235 mg/L (18h) (Pseudomonas putida)
<b>Persistence and Degradability:</b>	Readily biodegradable. 95% (28d)
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	This substance does not fulfill the PBT criteria. This substance does not fulfill the vPvB criteria.
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

**Product Containers:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	No data available
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available
<b>IMDG (International Maritime Dangerous Goods):</b>	No data available
<b>IATA (International Air Transport Association):</b>	No data available
<b>ICAO (International Civil Aviation Organization):</b>	No data available

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No data available
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	No data available
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	No data available
<b>New Zealand NZIoC:</b>	No data available

## 16 OTHER INFORMATION

**Revision Date:** 02/28/2020

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.