

Safety Data Sheet

Niacinamide - Vitamin B3

Section 1: Company and Product Identification

Product Name: Niacinamide - Vitamin B3

INCI Name: Niacinamide

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Emergency Response: (800) 225-3924 Canada, USA, Puerto Rico

Section 2: Hazards Identification

GHS07

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Hazard Pictograms:



Signal Word: Warning

Hazard Classification: Eye Irritation

Hazard Category: Category 2A

Hazard Statements: H319: Causes serious eye irritation

Precautionary Statements:

Prevention:

P264: Wash skin thoroughly after handling

P280: Wear eye protection/face protection

Response:

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.

Other Hazards: None

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Section 3: Composition / Information on Ingredients

Substance/Mixture: Substance

Name	Hazard Category	CAS#	Weight %
Niacinamide	Category 2A	98-92-0	90.0 - 100%

Additional Information: No additional information available.

Section 4: First Aid Measures

General Info: No information available.

Notable Exposure symptoms: Product may cause eye irritation. Refer to Section 8 for Personal Protective Equipment (PPE).

If ingested: Call a physician immediately. Clean mouth with water and drink afterward plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

If inhaled: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration.

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Call a physician immediately.

Skin contact: After contact with skin, wash immediately with plenty of soap and water. Consult a physician

Section 5: Fire Fighting Measures

General Info: No flash point data available. In the event of fire, wear self-contained breathing apparatus.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Heating or fire can release toxic gas.

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Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Ensure adequate ventilation. Use chemical safety goggles for eye/face protection. Avoid dust formation.

Environmental Precautions: Prevent product from entering drains.

Containment Equipment and

Procedures: Non-hazardous, but avoid direct releases to the environment.

Cleanup Procedures: Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

Section 7: Handling and Storage

Safe Handling Precautions: Provide sufficient air exchange and/or exhaust in work rooms. Avoid formation of respirable particles. Avoid contact with skin and eyes.

Recommendations for Storage: Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: Contains no substances with occupational exposure limit values.

General / Engineering

Controls: General mechanical ventilation is acceptable

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Protective gloves

Body Protection: None required under normal conditions of use

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

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Non-hazardous but avoid direct releases to the environment.

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Section 9: Physical and Chemical Properties

Physical State: Solid
Appearance: Powder
Color: White
Odor: Characteristic
Odor Threshold: No data available
pH: 6.0 - 7.5, Concentration: 50 g/l (20°C)
Melting Point: 128 - 131°C
Freezing Point: Not determined
Boiling Point: 224°C (20 hPa)
Flash Point (COC): No data available
Auto-ignition Temperature: 440°C
Decomposition Temperature: No data available
Evaporation Rate: No data available
Vapor Pressure: 0.00045 hPa (25°C); Method: OECD Test Guideline 104; GLP: yes
Explosive Limits: No data available
Vapor Density: No data available
Bulk Density: No data available
Water Solubility: Water soluble: 500 g/l; Other solvents: 660 g/l; Solvent: Ethanol
Viscosity (cP): No data available
Explosion Properties: None
Oxidizing Properties: None
Partition coefficient: Not available

Other information: Molecular weight: 122.13 g/mol

Section 10: Stability and Reactivity

Reactivity: Not reactive under normal use conditions.
Chemical Stability: Stable under normal use conditions.

Possibility of Hazardous
Reactions: Stable under normal conditions.

Conditions to Avoid: Avoid dust formation.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition
Products: No decomposition if stored normally.

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Section 11: Toxicological Information

Acute Toxicity: Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating.

Corrosivity: This is not a corrosive product.

Sensitization: No data available

Repeated Dose Toxicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

Mutagenicity: Genotoxicity *in vitro* and *in vivo* results of similar materials: Negative.

Toxicity for reproduction: Not teratogenic.

Section 12: Ecological Information

Toxicity: Material expected to be > 1,000 mg/l from testing of similar materials.

Aquatic Toxicity: Material expected to be > 1,000 mg/l from testing of similar materials.

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: No data available

Mobility in Soil: No data available.

Results of PBT and vPvB

Assessment: The substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Other Adverse Effects: None known

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

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Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

WHMIS Classification: D2B: Toxic Material Causing Other Toxic Effects.

SARA 311/312 Hazards: Acute Health Hazard.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right to Know: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right to Know: No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right to Know: No components are subject to the New Jersey Right to Know Act.

California Prop 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Reported Regional Inventories: AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCI (Taiwan), TSCA (USA).

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Section 16: Other Information

List of Relevant R-phrases Not applicable
(number and full text):

Legal Disclaimer:

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