Safety Data Sheet
Vitamin B3, Niacinamide FCC

Section 1: Company and Product Identification

**Product Name:** Vitamin B3, Niacinamide FCC

**INCI Name:** Niacinamide

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

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

**Hazard Pictograms:**

**Signal Word:** Warning

**Hazard Classification:** Eye Irritation

**Hazard Category:** Category 2A

**Hazard Statements:** H319: Causes serious eye irritation

**Precautionary Statements:** Prevention:
Wash skin thoroughly after handling. Wear eye protection/face protection.
Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage:
Store in a dry place. Store in closed container. Protect from sunlight.
Store in a well-ventilated place.
Disposal:
Dispose of contents/container in accordance with local regulations.

**Other Hazards:** May form combustible dust concentrations in air.

Date of issue/Date of Revision: 11/13/2023
Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Substance/Mixture:</th>
<th>Substance</th>
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</thead>
<tbody>
<tr>
<td><strong>Name</strong></td>
<td><strong>Hazard Category</strong></td>
</tr>
<tr>
<td>Niacinamide</td>
<td>Category 2A</td>
</tr>
</tbody>
</table>

Additional Information: No additional information available.

Section 4: First Aid Measures

**General Info:** Notes to physician: Treat symptomatically.

**Notable Exposure Symptoms:** No information available.

**If ingested:** Clean mouth with water and drink plenty of water afterwards. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**If inhaled:** Move to fresh air. Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice. If breathing is irregular or stopped, administer artificial respiration. Keep respiratory tract clear.

**Eye contact:** Rinse immediately with plenty of lukewarm water, also under the eyelids for at least 15 minutes. Call a physician immediately. Remove contact lenses if present and easy to do. Keep eyes wide open while rinsing and protect unharmed eye.

**Skin contact:** After contact with skin, wash immediately with plenty of soap and water. Remove contaminated clothing. In the event of skin irritation or allergic reactions, see a physician.

Section 5: Fire Fighting Measures

**General Info:** Flash Point: Not applicable. In the event of fire, wear self-contained breathing apparatus. Avoid generation of dusts; fine dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.

**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.
Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Use personal protective equipment. Avoid dust formation.

Environmental Precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

Containment Equipment and Cleanup Procedures: Pick up and arrange disposal without creating dust. Shovel into suitable container for disposal.

Section 7: Handling and Storage

Safe Handling Precautions: Avoid formation of respirable particles. Do not breathe vapors/dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

Recommendations for Storage: Keep container tightly closed. Keep in a well-ventilated place. Electrical installations / working materials must comply with the technological safety standards. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry place.

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: It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Eye/face protection: Safety glasses with side-shields conforming to EN166. Wear face-shield and protective suit for abnormal processing problems.

Hand Protection: Wear protective gloves. Breakthrough time: > 480 min.

Body Protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory Protection: In the event 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.
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 (68°F / 20°C)
- **Melting Point/Range:** 128 - 131°C (262 - 268°F)
- **Freezing Point:** Not determined
- **Boiling Point:** 224°C (20 hPa)
- **Flash Point (COC):** Not applicable
- **Auto-ignition Temperature:** 824°F (440°C)
- **Decomposition Temperature:** ≥ 392°F (≥ 200°C)
- **Minimum Ignition Energy:** 10 - 20 mJ
- **Evaporation Rate:** No data available
- **Vapor Pressure:** 0.00045 hPa (25°C). OECD Test Guideline 104. GLP: yes
- **Explosive Limits:** No data available
- **Relative Vapor Density:** 4.22
- **Molecular Weight:** 122.13 g/mol
- **Bulk Density:** ca. 500 - 700 kg/m³
- **Particle Size Distribution:** D10 = 85 µm. D50 = 141.7 µm. D90 = 250.7 µm. (laser diffraction)
- **Dust Deflagration Index:** St(H)2: Strong dust explosion, indicator 2. Method: Modified Hartmann tube.
- **Water Solubility:** ca. 690 g/l (77°F / 25°C)
- **Solubility in Solvent:** 660 g/l in ethanol
- **Viscosity (cP):** No data available
- **Flammability (Solid, Gas):** Not highly flammable. Method: Flammability (Solids). GLP: Yes
  - **Burning Number:** BZ 2: Brief ignition, rapid extinction.
- **Explosion Properties:** None
- **Oxidizing Properties:** None
- **Partition coefficient:** log Pow: -0.38 (68°F / 20°C. OECD Test Guideline 107. GLP: Yes
- **Other information:** No additional information available
Section 10: Stability and Reactivity

**Reactivity:** No decomposition if stored and applied as directed.

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:**
- **Conditions to Avoid:** Heat
- **Incompatible Materials:** Strong acids and strong bases. Oxidizing agents.

**Hazardous Decomposition Products:**
- No decomposition if used as directed.

Section 11: Toxicological Information

**General Information:** All data in this section is historical and based on information observed from similar materials.

**Acute Toxicity:** LD50 (Rat, male and female): > 2,500 mg/kg. OECD Test Guideline 423 (GLP).

**Acute Inhalation Toxicity:** No data available.

**Acute Dermal Toxicity:** LD50 (Rabbit): > 2,000 mg/kg. OECD Test Guideline 402 (GLP).

**Skin Corrosion/Irritation:** Rabbit, 4 hours, No skin irritation. OECD Test Guideline 404 (GLP).

**Serious Eye Damage/Eye Irritation:**
- Rabbit, moderate eye irritation. OECD Test Guideline 405 (GLP).

**Respiratory or Skin Sensitization:**
- Buehler Test, Guinea pig, did not cause sensitization on laboratory animals.
- OECD Test Guideline 406. GLP: No.

**Germ Cell Mutagenicity:** Genotoxicity results: negative.

**Carcinogenicity:** No data available.

**Reproductive Toxicity:** No data available.

**STOT - Single Exposure:** No data available.

**STOT - Repeated Exposure:** No data available.

**Aspiration Toxicity:** No aspiration toxicity classification.
Section 12: Ecological Information

Toxicity: LC50: > 1,000 mg/l from testing of similar materials.

Aquatic Toxicity: EC50: > 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

Waste from residues: Dispose of product in accordance with local, regional, and national regulations. Contact waste disposal services. Do not dispose of waste into sewer.

Contaminated Packaging: Dispose of as unused product. Do not re-use empty containers.

Section 14: Transport Information

<table>
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<th></th>
<th>US DOT</th>
<th>EU Land Transport (ADR/RID/AND)</th>
<th>Sea Transport (IMDG)</th>
<th>Air Transport (ICAO/IATA)</th>
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<tr>
<td>Packing Group:</td>
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<tr>
<td>Environmental Hazards:</td>
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<tr>
<td>Special Precautions for User:</td>
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<td>None</td>
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<td>None</td>
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<tr>
<td>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
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</tbody>
</table>
Section 15: Regulatory Information

SARA 311/312 Hazards: See above: Section 2. Hazard Identification-GHS Classification.

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

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

New Jersey RtK: 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.

Section 16: Other Information

Indication of Changes: Version 1.1 created November 13th, 2023

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

Legal Disclaimer: Since the user’s working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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