

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

**1.1 Product Identifier:**

**Trade Name** Amino Rice NPNF®  
**INCI Name** Rice Amino Acids

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

**Product Use:** Active ingredient in cosmetic and personal care applications

**1.3 Details of the Supplier of the Safety Data Sheet:**

**Manufacturer:** TRI-K INDUSTRIES, INC.  
2 Stewart Court  
Denville, NJ 07834  
**Information Phone Number:** +1 (973) 298-8850  
**E-mail** info@tri-k.com

**1.4 Emergency Telephone Number:**

**Emergency Spill Information** +1 (973) 298-8850 (TRI-K Industries, Inc.)  
+1 (800) 222-1222 (National Poison Control Center)

**24-HOUR EMERGENCY TELEPHONE NUMBER** CHEMTREC +1 (800) 424-9300 or +1 (703) 527-3887

**SDS Date of Revision:** March 9, 2023

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]:** This product does not meet the criteria for a hazardous substance.

**Classification according to The Hazard Communication Standard (HCS) (29 CFR 1910.1200)**

The substance does not meet the criteria for dangerous substance

**2.2 Label Elements:**

Not applicable  
Hazard Statement: Not applicable  
Precautionary Statement: Not applicable

**2.3 Other Hazards:** None provided on whether the substance meets the criteria for persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with Annex XIII, whether the substance was included in the list established in accordance with Article 59(1) for having endocrine disrupting properties.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	EINECS#	DSD Classification (67/548/EEC)	CLP Classification (EC) No 1272/2008	%
Water	7732-18-5	231-791-2	Not classified as dangerous	Not classified as hazardous	78.0 – 83.0
Rice Amino Acids	65072-01-7	N/A	Not classified as dangerous	Not classified as hazardous	17.0 – 22.0

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of First Aid Measures:**

**Eye Contact:** Flush with water; seek medical advice if discomfort persists

**Skin Contact:** Wash material off the skin with soap and water

**Inhalation:** Not applicable, avoid breathing liquid or aerosols of material

**Ingestion:** Drink water, seek medical attention

**4.2 Most Important symptoms and effects, both acute and delayed:**

Not expected to be a skin or eye irritant (based on available data). Non-toxic by oral ingestion (based on nature of material). No other adverse clinical effects are known to be associated with exposure to this material.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No immediate medical treatment normally needed.

**SECTION 5: FIRE FIGHTING MEASURES**

**5.1 Suitable Extinguishing Media:**

Dry chemical, CO<sub>2</sub>, foam, halon, water spray (fog)

**Unsuitable extinguishing media:**

None

**5.2 Special Hazards Arising from the Substance or Mixture:**

**Unusual Fire and Explosion Hazards:** None known

**Hazardous Decomposition Products:** None known

**5.3 Advice for Fire-Fighters:**

**Special Fire Fighting Procedures:**

Self-contained breathing apparatus with full-face piece and protective clothing.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**  
Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.
- 6.2 Environmental Precautions:**  
Non-hazardous but avoid direct releases to the environment
- 6.3 Methods and Material for Containment and Cleaning Up:**  
Pick up with absorbent material and collect for disposal
- 6.4 Reference to Other Sections:**  
Refer to Section 8 for protective equipment and Section 13 for disposal considerations

**SECTION 7: HANDLING AND STORAGE**

- 7.1 Precautions for Safe Handling:**  
Keep working place well ventilated; no special precautions are needed under normal use conditions
- 7.2 Conditions for Safe Storage, Including any Incompatibilities:**  
Avoid temperatures above 40°C. Optimum storage temperature is 24°C or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.
- 7.3 Advice on general occupational hygiene:**  
(a) not to eat, drink and smoke in work areas;  
(b) to wash hands after use; and  
(c) to remove contaminated clothing and protective equipment before entering eating areas.
- 7.4 Specific end use(s):** Active ingredient in cosmetic and personal care applications

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control Parameters:**

Chemical Name	8.1.1 Occupational Exposure Limits:	8.1.2 Additional exposure limits under the conditions of use:	8.1.3 DNEL/DMEL and PNEC-Values:
Water	No limits established	Not Available	Not Available
Rice Amino Acids	No limits established	Not Available	Not Available

**8.2 Exposure Controls:** None

- 8.2.1 Appropriate Engineering Controls:** General mechanical ventilation is acceptable

**8.2.2 Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Chemical goggles with side splash protection recommended

**Hand Protection:** Protective gloves

**Body Protection:** None required under normal conditions of use

**Respiratory Protection:** None required under normal conditions of use

**Thermal Hazards:** None required under normal conditions of use

**Other:** An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

**8.2.3 Environmental Exposure Controls:** Non-hazardous but avoid direct releases to the environment

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic Physical and Chemical Properties:**

<b>Appearance:</b> Clear, amber liquid	<b>Vapor Pressure:</b> Not determined
<b>Odor:</b> Characteristic	<b>Vapor Density:</b> Not determined
<b>Odor Threshold:</b> No data available	<b>Specific Gravity:</b> 1.16 @ 25°C (77°F)
<b>pH:</b> 4.0 – 5.5	<b>Water Solubility:</b> Complete
<b>Melting Point / freezing point:</b> Not determined	<b>Partition coefficient: n-octanol/water:</b> Not Available
<b>Boiling Point:</b> 215°F / 101.6°C	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point (COC):</b> > 250°F (Not flammable)	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> Not Applicable	<b>Viscosity (cP):</b> Not determined
<b>Flammability (solid, gas):</b> Not Applicable	<b>Explosion Properties:</b> None
<b>Upper/lower flammability or explosive limits:</b> Not Applicable	<b>Oxidizing Properties:</b> None

**9.2 Other Information:**

None

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

Not reactive under normal conditions of use

**10.2 Chemical Stability:**

No known hazardous reactions

**10.3 Possibility of Hazardous Reactions:**

None known

**10.4 Conditions to Avoid:**

Gross bacterial contamination

**10.5 Incompatible Materials:**

Concentrated nitric or sulfuric acid, strong oxidizing agents.

**10.6 Hazardous Decomposition Products:**

Burning can produce smoke, CO, CO<sub>2</sub>, ammonia and other products of incomplete combustion

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

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

**Skin Corrosion/ Skin Irritation:** None-Corrosive/ No data available

**Respiratory or Skin Sensitization:** No data available

**STOT-Single /STOT-repeated exposure:** No data available

**Carcinogenicity:** None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive (EC) No 1272/2008 for CMR, categories 1A and 1B.

**Mutagenicity:** Not expected to present a germ cell mutagenicity hazard

**Toxicity for reproduction:** Not expected to affect reproduction or development.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity:** No ecotoxicity data available

**Acute (short-term) toxicity:** N/A; Not tested

**Fish:** N/A; Not tested

**Crustacea:** N/A; Not tested

**Algae/aquatic plants:** N/A; Not tested

**Other organisms:** N/A; Not tested

**Chronic (long-term) toxicity:** N/A; Not tested

**Fish:** N/A; Not tested

**12.2 Persistence and Degradability:**

Bioavailable and readily degradable based on similar models .

**12.3 Bio accumulative Potential:**

Not expected to be bio-accumulative in aquatic organisms

**12.4 Mobility in Soil:**

Since the product is completely soluble in water, it is expected to be highly mobile in soil.

**12.5 Results of PBT and vPvB Assessment:**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Endocrine Disrupting Properties for Environment Exposure:**

None known

**12.7 Other Adverse Effects:**

None known

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:**

Dispose in accordance with local and federal environmental regulations. Sewage discharge is discouraged.

**SECTION 14: TRANSPORT INFORMATION**

	<b>US DOT</b>	<b>EU land transport (ADR/RID/ADN)</b>	<b>Sea Transport (IMDG)</b>	<b>Air Transport (ICAO/IATA)</b>
<b>14.1 UN Number</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2 UN Proper Shipping Name</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3 Transport Hazard Class(s)</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4 Packing Group</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5 Environmental Hazards</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.6 Special Precautions for user</b>	None	None	None	None
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable	Not applicable	Not applicable	Not applicable

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:**

<b>EU EINECS/ELINCS/NLP:</b>	Not listed
<b>Canada DSL/NDSL:</b>	Listed
<b>US TSCA</b>	Not Applicable
<b>Korea KECI:</b>	Listed
<b>China IECSC/IECIC:</b>	Listed
<b>Japan ENCS:</b>	Not listed
<b>Philippine PICCS:</b>	Listed
<b>Australia AICS:</b>	Listed

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this mixture by the supplier and it has been deemed safe based on appropriate use in section 1.2 and 7.4 in this Safety data sheet.

**SECTION 16: OTHER INFORMATION**

**16.1 Indication of Changes**

Version 4 created on July 15, 2021; Added CAS number in Section 3, Updated Section 15  
Version 5 created on March 9, 2023

**16.2 Legal Disclaimer**

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