

1. PRODUCT INFORMATION

Product Name : Hydrolyzed Quinoa Protein
INCI : Hydrolyzed Quinoa
Recommended Use : Active ingredient in cosmetic and personal care applications.
Restrictions on Use : Repackaged for cosmetic use only.
Supplier : Windy Point Soap Making Supplies Inc.
Address : 14, 6125-12th Street SE, Calgary, AB T2H 2K1
Telephone : 587-318-6678
Emergency Telephone : (800) 225-3924 Canada, USA, Puerto Rico

2. HAZARDS IDENTIFICATION

Signal Word

No Signal Word has been assigned.

Hazard classification

Not classified as hazardous.

Hazard category

None.

Hazard statements

None.

Precautionary statements

Not applicable.

Other hazards

None.

3. COMPOSITION / INFORMATION INGREDIENTS

Name	Hazard Category	CAS #	Weight %
Water	None	7732-18-5	75.0 - 79.0%
Hydrolyzed Quinoa	None	227025-12-9	16.0 - 20.0%

Additional information

For full text of any H-statements and R-phrases: see SECTION 16

4. FIRST AID MEASURES

Notable Exposure symptoms

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.

Eye contact

Flush with water. Seek medical advice if irritation develops

Skin contact

Wash material off skin with soap and water.

Inhalation

Not applicable. Avoid breathing liquid or aerosols of material.

Ingestion

Drink water, seek medical attention

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

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.

General information

Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes.

Hazardous decomposition information

None known.

6. ACCIDENTAL RELEASE MEASURES

Precautionary measures

Wear personal protective equipment. Ensure adequate ventilation. Use chemical goggles for eye/face protection.

Environmental measures

Non-hazardous but avoid direct releases into the environment.

Methods and materials for containment and cleaning up

Pick up with absorbent material and collect for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Provide good ventilation of work area. No special precautions are needed under normal use.

Conditions for safe storage, including any incompatibilities

Avoid temperatures above 40°C. Optimum storage is 24°C or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

Specific end use(s)

Active ingredient in cosmetic and personal care products.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

No additional information available.

General/engineering controls

General mechanical ventilation is acceptable.

Respiratory Protection

None required under normal conditions.

Skin protection

Wear impermeable gloves.

Eye protection

Chemical goggles with side splash protection recommended.

Thermal hazards

None required under normal conditions.

Other

An eye wash facility should be available. Employees should practice good industrial hygiene, washing exposed skin several times daily. Launder contaminated clothing before re-use.

Environmental exposure controls

Non-hazardous, but avoid direct releases into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear to slightly hazy.
Physical State	: Liquid.
Colour	: Amber
Odour	: Characteristic, sweet.
Odour threshold	: No data available.
pH	: 4.0 - 5.5.
Melting Point	: No data available.
Freeze Point	: No data available.
Boiling Point	: 101.6°C / 215°F
Flash Point (COC)	: > 250°C (Not flammable)
Auto-ignition Temperature	: No data available.
Decomposition Temp, °C	: No data available.
Evaporation rate	: Not applicable.

Vapor Pressure	: Not determined.
Explosive Limits	: No data available.
Vapor Density	: Not determined.
Specific Gravity	: 1.07 @ ~25°C
Water Solubility	: > Complete.
Viscosity (cP)	: No data available.
Explosion Properties	: No data available.
Oxidizing Properties	: No data available.
Partition coefficient	: No data available.

10. STABILITY AND REACTIVITY

Chemical stability

No known hazardous reactions.

Reactivity

Not reactive under normal conditions of use.

Chemical incompatibilities

Keep away from strong oxidizing agents, heat and open flames.

Conditions to avoid

Gross bacterial contamination.

Hazardous decomposition products

Burning can produce smoke, carbon monoxide, carbon dioxide, ammonia, and other products of incomplete combustion.

Possibility of hazardous reactions

None known.

Incompatible materials

Strong oxidizing agents, concentrated nitric or sulfuric acid.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

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

Irritation

HR IPT results indicate that the product is non-irritating.

Corrosivity

Not corrosive.

Sensitization

HR IPT results indicate that the product is non-sensitizing.

Repeated dose toxicity

No data available.

Carcinogenicity

No component has been identified as a carcinogen by IARC, NTP, OSHA, ACGIH, or the EU Substances Directive.

Mutagenicity

Not known or expected to be mutagenic.

Toxicity for reproduction

Not known or expected to cause reproductive or developmental toxicity.

12. ECOLOGICAL INFORMATION

Toxicity

No ecotoxicity data available

Aquatic toxicity

No data available.

Persistence and degradability

No data available.

Bio accumulative potential

Not expected to be bio-accumulative in aquatic organisms.

Mobility in soil

Completely soluble in water, so expected to be highly mobile in soil.

Results of PBT and vPvB assessment

Does not contain any substances assessed to be a PBT or vPvB.

Other adverse effects

None known.

13. DISPOSAL CONSIDERATION

Product disposal

Comply with all local, state, and federal laws and regulations.

Container disposal

Comply with all local, state, and federal laws and regulations.

Other considerations

None.

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

15. REGULATORY INFORMATION

EU EINECS/ELINCS/NLP

Listed on the EINECS Inventory.

Canada DSL/NDSL

Not listed.

US TSCA

Not listed.

Korea KECI

Not listed.

China IECSC

Not listed.

Japan ENCS

Not listed.

Philippine PICCS

Not listed.

Australia AICS

Not listed.

Chemical Safety Assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

List of Relevant R-phrases (number and full text)

Not applicable.

Disclaimer & Caution

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