

Section 1: Company and Product Identification

Product Name: Plant Keratin

INCI Name: Water, Wheat Amino Acids, Soy Amino Acids, Arginine HCl, Serine, Threonine

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

Restrictions on Use: Repackaged for cosmetic use only

Company: Windy Point Soap Making Supplies Inc.

14, 6125-12th Street SE, Calgary, AB T2H 2K1

587-318-6678

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

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for dangerous or hazardous classification.

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Water	Not classified	7732-18-5	67.0 - 87.0%
Wheat Amino Acids	Not classified	65072-01-7	5.0 - 9.9%
Soy Amino Acids	Not classified	65072-01-7	5.0 - 9.9%
Arginine HCl	Not classified	1119-34-2	1 - 4.9%
Serine	Not classified	56-45-1	1 - 4.9%
Threonine	Not classified	72-19-5	1 - 4.9%
Benzyl Alcohol	Not classified	100-51-6	0.15%
Potassium Sorbate	Not classified	24634-61-5	0.042%
Sodium Benzoate	Not classified	532-32-1	0.030%

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

Section 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. No immediate medical treatment normally needed.

If ingested: Drink water, seek medical attention.

If inhaled: Not applicable, avoid breathing liquid or aerosols of the material.

Eye contact: Flush with water; seek medical advice if discomfort persists.

Skin contact: Wash material off the skin with soap and water.

Section 5: Fire Fighting Measures

General Info: Flash Point: Not applicable.

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: None known.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Ensure adequate ventilation. Use mask for eye/face protection.

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

Containment Equipment and

Clean Up 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: Keep working place well ventilated; no special precautions are needed under normal use conditions

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: None established.

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: Oil resistant gloves, heat-resistant rubber 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: 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: Liquid
Appearance: Dark
Color: Amber
Odor: Characteristic
Odor Threshold: Not determined
pH: 3.5 - 5.5
Melting Point: Not applicable
Freezing Point: Not determined
Boiling Point: 101 °C
Flash Point (COC): Not applicable
Auto-ignition Temperature: Not determined
Decomposition Temperature: Not determined
Evaporation Rate: Not determined
Vapor Pressure: Same as water
Explosive Limits: Not determined
Vapor Density: Same as water
Specific Gravity: 1.065 - 1.095
Water Solubility: Complete
Viscosity (cP): Not determined
Explosion Properties: None
Oxidizing Properties: Not applicable
Partition coefficient: Not available

Other information: None available

Section 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable.

Possibility of Hazardous
Reactions: None known.

Conditions to Avoid: Excessive heat.

Incompatible Materials: Not applicable.

Hazardous Decomposition
Products: Burning can produce smoke, CO, CO₂, ammonia and other products of incomplete combustion.

Section 11: Toxicological Information

Toxicological Effects

Eye Contact: May cause discomfort.

Skin Contact: No adverse effects expected.

Inhalation: Not applicable.

Ingestion: Excessive ingestion may cause mild nausea or abdominal discomfort.

Acute Toxicity Values

Products: No toxicity data available.

Irritation: No data available. Based on nature of the material, it is not expected to cause significant irritation.

Corrosivity: This is not a corrosive product.

Sensitization: This product is not expected to cause sensitization.

Repeat Dose Toxicity: No data available.

Carcinogen Status: No data available. None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

Germ Cell Mutagenicity: Not determined. However, this product is not expected to present a germ cell mutagenicity hazard.

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

Section 12: Ecological Information

Toxicity: No ecotoxicity data available.

Persistence and Degradability: Based on the nature of the ingredients, the product is biodegradable.

Bioaccumulative Potential: Not expected to be bio-accumulative in aquatic organisms.

Mobility in Soil: Not determined.

Results of PBT and vPvB

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

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

Regulation (EC) No 1005/2009: This product does not contain any chemicals subject to EC 1005/2009.

Regulation (EC) No 850/2004: This product does not contain any chemicals regulated under EC 850/2004.

Regulation (EC) No 689/2008: This product does not contain any chemicals regulated under EC 689/2008.

Australian AICS: All the components of this product are listed on the AICS Inventory.

Canadian DSL: All of the components of this product are listed on the Canadian Domestic Substance List.

China IECSC: CAS 65072-01-7 does not appear on the Republic of China's Inventory of Existing Chemicals and Substances in China. The rest of the components appear in the inventory.

European EINECS: 231-791-2, N/A, N/A, 214-275-1, 200-274-3, 200-774-1.

Japan ENCS: CAS No 65072-01-7 does not appear on the Japanese Existing and New Chemical Substances in China. The rest of the components appear in the inventory.

New Zealand NZIoC: All of the components of this product are listed on the NZIoC Inventory.

Philippines PICCS: All of the components appear on the PICCS.

Taiwan NECI: All of the components appear on the NECI.

United States TSCA: CAS No 65072-01-7 does not appear, the CAS for the rest of the components appear on TSCA.

EU REACH: The substances in this product comply with the EU REACH regulation as applicable.

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

Section 16: Other Information

Indication of Changes: Version 1.1 created March 17, 2021

List of Relevant R-phrases

(number and full text): Not applicable

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