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

1.1 Product Identifier:
   Trade Name: WHEAT-QUAT C
   INCI Name: Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:
   Product Use: 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 USA
   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: September 25, 2019

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

   Classification according to Regulation (EC) No 1272/2008 [CLP]:
   The substance 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
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>EINECS#</th>
<th>DSD Classification (67/548/EEC)</th>
<th>CLP Classification (EC) No 1272/2008</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>Not classified as dangerous</td>
<td>Not classified as hazardous</td>
<td>70.0 – 76.0</td>
</tr>
<tr>
<td>Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein</td>
<td>130381-04-3</td>
<td>274-001-1</td>
<td>Not classified as dangerous</td>
<td>Not classified as hazardous</td>
<td>24.0 – 30.0</td>
</tr>
<tr>
<td>Sodium benzoate</td>
<td>208-534-8</td>
<td>532-32-1</td>
<td>Not Classified</td>
<td>Not Classified</td>
<td>0.9 – 1.1%</td>
</tr>
</tbody>
</table>

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

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, CO₂, foam, halon, water spray (fog)

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. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.
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 Specific end use(s): Active ingredient in cosmetic and personal care applications

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>8.1.1 Occupational Exposure Limits:</th>
<th>8.1.2 Additional exposure limits under the conditions of use:</th>
<th>8.1.3 DNEL/DMEL and PNEC-Values:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>No limits established</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein</td>
<td>No limits established</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

8.2 Exposure Controls:

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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to slightly hazy, amber liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>4.0 – 6.0</td>
</tr>
<tr>
<td>Melting Point / freezing point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>215°F / 101.6°C</td>
</tr>
<tr>
<td>Flash Point (COC)</td>
<td>&gt;250°F (Not flammable)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.08 @ ~ 25°C</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Complete</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not Available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not Available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not Available</td>
</tr>
<tr>
<td>Viscosity (cP)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosion Properties</td>
<td>None</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>None</td>
</tr>
</tbody>
</table>

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\(_2\), ammonia and other products of incomplete combustion.

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1 Information on Toxicological Effects:
- **Acute toxicity:** Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.
- **Irritation:** HRIPT results indicate that the product is non-irritating.
- **Corrosivity:** This is not a corrosive product.
- **Sensitization:** HRIPT results indicate that the product is non-sensitizing.
- **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:** 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
  - Fish: N/A
- **Crustacea:** N/A
- **Algae/aquatic plants:** N/A
- **Other organisms:** N/A
- **Chronic (long-term) toxicity:** N/A
  - Fish: N/A

12.2 Persistence and Degradability:
Not available.

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

12.4 Mobility in Soil:
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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 Other Adverse Effects:
None known

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 Waste Treatment Methods:
Small amounts may be flushed to sewer. Material is very biodegradable. Otherwise, dispose in accordance with local, state, and federal environmental regulations.

### SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>US DOT</th>
<th>EU land transport (ADR/RID/ADN)</th>
<th>Sea Transport (IMDG)</th>
<th>Air Transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN Number</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.2 UN Proper Shipping Name</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.3 Transport Hazard Class(s)</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>14.4 Packing Group</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.5 Environmental Hazards</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.6 Special Precautions for user</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.7 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>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### SECTION 15: REGULATORY INFORMATION

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

<table>
<thead>
<tr>
<th>EU EINECS/ELINCS/NLP:</th>
<th>All of the components of this product are listed on the EINECS Inventory.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada DSL/NDSL:</td>
<td>Not listed</td>
</tr>
<tr>
<td>US TSCA</td>
<td>Not listed</td>
</tr>
<tr>
<td>Korea KECl:</td>
<td>Not listed</td>
</tr>
<tr>
<td>China IECSC:</td>
<td>Listed on the China IECIC</td>
</tr>
<tr>
<td>Japan ENCS:</td>
<td>Not listed</td>
</tr>
<tr>
<td>Philippine PICCS:</td>
<td>All of the components of this product are listed on the PICCS.</td>
</tr>
<tr>
<td>Australia AICS:</td>
<td>All of the components of this product are listed on the AICS.</td>
</tr>
</tbody>
</table>

15.2 Chemical Safety Assessment:
No Chemical Safety Assessment has been carried out for this mixture by the supplier.

### SECTION 16: OTHER INFORMATION
16.1 Indication of Changes
Version 1 created on December 20, 2013
Version 1 created on November 06, 2013
Version 2 Created on May 17th 2019- GHS version
Version 3 Created on September 25, 2019 – section1, and 3

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

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