



**SAFETY DATA SHEET**

Version Number:  
01

**DATE: JULY 10, 2019**  
**PRODUCT: CERA-Q**  
**PRODUCT CODE: BC0000P001OK**

**SECTION 1 – IDENTIFICATION**

Scientific Name: N/A  
Molecular Formula: N/A  
CAS #: N/A  
Contact Information: **Innophos, LLC.**  
**72 Deforest Ave.**  
**East Hanover, NJ 07936**  
**Phone: 973-808-5900**

**CHEMTREC (24HR Emergency Telephone): 1-800-424-9300**  
**International CHEMTREC: 1-703-527-3887**  
**For non-emergency assistance: 1-281-441-4400**

**SECTION 2 – HAZARD IDENTIFICATION**

Hazard Summary (As defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200)  
Ingredients are non-hazardous. This information is furnished as a customer service only.  
Physical Hazards: None  
Health Hazards: None

**SECTION 3 – COMPOSITION OF INGREDIENTS**

<b>Component</b>	<b>Weight (%)</b>
Silk Fibroin	~ 70%
Dextrin	~ 30%

**SECTION 4 – FIRST AID MEASURES**

**Eye:** Eye Irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

**Skin:** Itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing or shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

**Inhalation:** Nasal irritation, headache, dizziness, nausea, vomiting, heart palpitations, breathing difficulty, cyanosis, tremors, weakness, red flushing of face, irritability. Remove exposed person from source of exposure to fresh air. If not breathing, clear airway and start cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth restrictions.

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

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**Suitable Extinguishing Media:** Use dry chemical, foam, or carbon dioxide to extinguish fire. Water may be ineffective but should be used to cool fire-exposed containers, structures and to protect personnel. Use water to dilute spills and to flush them away from sources of ignition.

**Fire Fighting Procedures:** Do not flush down sewers or other drainage systems. Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Vapor protective clothing should be worn for spills and leaks. Shut off ignition sources; no flares, smoking or flames in hazard area. Small spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large spills; Dike far ahead of liquid spill for later disposal. Do not flush to sewer or waterways. Prevent release to the environment, if possible.

**SECTION 7 – HANDLING AND STORAGE**

**Handling:** Do not get in eyes, skin or on clothing. Do not breathe vapors or mists. Keep containers closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Destroy contaminated belts and shoes and other items that cannot be decontaminated. Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools.

**Storage:** Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Store at ambient or lower temperature. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect against physical damage.

**SECTION 8 – EXPOSURE CONTROLS – PERSONAL PROTECTION**

**Engineering Controls:** Local exhaust ventilation may be necessary to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces. Use explosion-proof ventilation equipment.

**Personal Protective Equipment (PPE) Eye Protection:** Wear chemical safety goggles and face shield. Have eye-wash stations available where eye contact can occur.

**Skin Protection:** Avoid skin contact. Wear gloves impervious to conditions of use. Additional protection may be necessary to prevent skin contact including use of apron, face shield, boots or full body protection. A safety shower should be located in the work area.

**Respiratory Protection:** If exposure limits are exceeded, NIOSH approved respiratory protection should be worn. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

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Flashpoint: N/A  
Autoignition Temperature: N/A  
Boiling Point: N/A  
Melting Point: N/A  
Vapor Pressure: N/A  
Vapor Density: N/A  
Solubility in Water: N/A  
Pour Point: N/A  
Molecular Formula: N/A  
Odor/Appearance: Yellow Brown Powder  
Lower Flammability Limit: N/A  
Upper Flammability Limit: N/A  
Specific Gravity: N/A  
Volatile: N/A  
pH: N/A  
Molecular Weight: N/A

**SECTION 10 – STABILITY AND REACTIVITY**

Stability: No data available  
Conditions to Avoid: No data available  
Materials to Avoid: Strong oxidizing agents  
Hazardous Decomposition Products: Other decomposition products - No data available

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Signs and Symptoms of Overexposure:** Eye and nasal irritation, headache, dizziness, nausea, vomiting, heart palpitations, difficulty breathing, cyanosis, tremors, weakness, itching, or burning of the skin.

**Acute Effects:**

Eye Contact: May cause severe conjunctival irritation and corneal damage.  
Skin Contact: May cause reddening, blistering or burns with permanent damage. Harmful if absorbed through the skin. May cause cardiovascular system and liver effects.  
Inhalation: May cause severe irritation with possible lung damage (pulmonary edema).  
Ingestion: May cause severe gastrointestinal burns.



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**Chronic Effects:**

Eye Contact: May cause severe conjunctival irritation and corneal damage.  
Skin Contact: May cause reddening, blistering or burns with permanent damage. Harmful if absorbed through the skin. May cause cardiovascular system and liver effects.  
Inhalation: May cause severe irritation with possible lung damage (pulmonary edema).  
Ingestion: May cause severe gastrointestinal burns.

**SECTION 12 – ECOLOGICAL INFORMATION**

No data available.

**SECTION 13 – DISPOSABLE CONSIDERATIONS**

The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Disposal can occur only in properly permitted facilities. Refer to state and local requirements for any additional requirements, as these may be different from Federal laws and regulations.

**SECTION 14 – TRANSPORT INFORMATION**

U.S. Department of Transportation (DOT): No data available  
International Maritime Organization (IMDG): No data available

**SECTION 15 – REGULATORY INFORMATION**

No data available

**SECTION 16 – ADDITIONAL INFORMATION**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.

Date: July 10, 2019

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