

## Material Safety Data Sheet

### Section I Product Identification

Name: **BeneKoi<sup>®</sup>**

Company: Aclearium Lab Solutions, INC      Date Issued: 03.25.08  
Address: P.O. Box 886      Phone Number: 978.394.0280  
Westford, MA 01886  
aclearium@gmail.com

### Section II Composition

| Chemical Name             | CAS Number | ACGIH TLV | OSHA PEL |
|---------------------------|------------|-----------|----------|
| Viable Bacterial Cultures | None       | NA        | NA       |
| Sodium Chloride           | 7647-14-5  | NA        | NA       |
| Water                     | 7732-18-5  | NA        | NA       |

HMIS Rating:      Health: 1    Fire: 0    Reactivity: 0    Personal Protection: A

### Section III Physical Characteristics

|                     |         |                   |                            |
|---------------------|---------|-------------------|----------------------------|
| Boiling Point:      | 732°C   | Appearance:       | Off-White soluble crystals |
| Specific Gravity:   | 1.16    | Odor:             | Mild odor                  |
| pH of 10% solution: | 7.8     | Melting Point:    | No data                    |
| Vapor Pressure      | No data | Vapor Density:    | No data                    |
| Solubility:         | Soluble | Evaporation Rate: | No data                    |

### Section IV Fire and Explosion Hazard Data

Flash Point:      None  
Flash Point Method Used:    NA  
LEL:      Not known  
UEL:      Not Known

Extinguishing Media:      Water spray, carbon dioxide, or dry chemical  
Special Fire Fighting Procedures:    None  
Unusual Fire & Explosion Hazard:    None known.

### Section V Reactivity Data

Stability:      Stable

Incompatibility:      Strong acids or alkali compounds may inactivate biological cultures

Hazardous Decomposition Products:    Not known

Hazardous Polymerization:    Will not occur

|                   |                           |
|-------------------|---------------------------|
| <b>Section VI</b> | <b>Health Hazard Data</b> |
|-------------------|---------------------------|

**Routes of Entry:**

Inhalation: Yes      Absorption: No      Ingestion: Yes      Eyes: Yes

**Eyes:** This product may cause eye irritation.

**Skin Contact:** Could cause milk skin irritation after prolonged contact.

**Inhalation:** Inhaling dust from this product could cause irritation to the lungs and mucus membranes.

**Ingestion:** Ingestion of this product could cause irritation to the mouth and throat or cause choking.

**Signs and Symptoms of Over Exposure:** None known

**Aggravated Medical Conditions:** None known.

**Supplemental Health Information:** None

**EMERGENCY FIRST AID PROCEDURES**

**Eye Contact:** Rinse eyes with water for fifteen minutes. If irritation persists, see a physician.

**Inhalation:** Move person to fresh air and avoid breathing dust from product. If breathing problems develop, seek the care of a physician.

**Skin Contact:** Wash the product off the skin with soap and water; if irritation develops seek the care of a physician.

**Ingestion:** Do not induce vomiting, if victim is choking clear airway and seek medical attention.

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| <b>Section VII</b> | <b>Spill or Leak Procedure</b> |
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**Steps to be taken in case material is spilled or leaked:**

**Waste Disposal Method:** Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state, and local laws.

**Precautions To Be Taken In Handling and Storage:** Store in a location away from children, food items, and potable water. Store in an area out of direct sunlight, keep container closed when not in use, avoid storing in a damp environment.

Always wash hands with warm, soapy water after handling product.  
Use good chemical hygiene practices when working with any chemical.

**Other Precautions:** None

|                     |                         |
|---------------------|-------------------------|
| <b>Section VIII</b> | <b>Control Measures</b> |
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**Respiratory Protection:** Use a NIOSH approved dust mask to control nuisance dust.

**Ventilation:** Local exhaust should be sufficient. Avoid creating dust from the product. If used in a manner that creates dust, mechanical ventilation may be necessary.

**Protective Gloves:** Recommended. Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Clothing:** None required, however, avoid prolonged contact with skin from soiled clothing.

| Section IX | Regulatory Status |
|------------|-------------------|
|------------|-------------------|

|  |   |
|--|---|
| TSCA Inventory Status:   | This product is excluded from the TSCA inventory. |
| Transportation DOT:  | Not regulated.                                    |
| Reportable Quantity (RQ) under 49 CFR 172.101 Appendix:<br>SARA Title III: | Not Listed.                                       |
| Section 302 Extremely Hazardous Substance List:                            | None  |
| Section 313 Toxic Chemicals:   | None  |
| Reportable Quantity under US EPA CERCLA                                    | None  |
| RCRA Hazardous Waste   | None  |

| Section X | Additional Information |
|-----------|------------------------|
|-----------|------------------------|

|          |                              |                            |
|----------|------------------------------|----------------------------|
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|          | Westford, MA 01886           |                            |
|          | aclearium@gmail.com          |                            |

This information is given in good faith, based on knowledge currently available to Aclearium Lab Solutions, Inc. No known relevant information has been omitted. The information provided is designed to enable the user to use the product safely. Aclearium cannot accept liability for any loss, injury, or damage that may have resulted in misuse of the product. Where the customer has concerns, it is recommended they perform their own tests.