



# Safety Data Sheet

**Product Name:** FROG® Serene™ Mineral Cartridge  
**Revision Date:** March 15, 2018 **Revision:** 0  
**Supersedes:** New SDS

## 1. Identification

**Product Identifier:** FROG® Serene™ Mineral Cartridge  
**Other Means of Identification:** Calcium carbonate with silver chloride  
**Recommended Use:** Spa water conditioner  
**Supplier:** King Technology, Inc  
530 11<sup>th</sup> Ave S, Hopkins, MN 55343, USA  
Phone (952) 933-6118  
**EPA Registration Number:** 53735-11  
**Emergency Telephone:** Chemtrec (800) 424-9300

## 2. Hazards Identification

**GHS Classification:** Not classified  
**GHS Label Elements:**  
– **Signal Word:** None  
– **Pictograms:** None  
– **Hazard Statements:** None  
– **Precautionary Statements:** None  
**Unclassified Hazards:** None  
**Percentage of Ingredients with Unknown Toxicity:** Zero

## 3. Composition / Information on Ingredients

Components CAS	Weight %	ACGIH-TLV Data	OSHA (PEL) Data
Silver chloride 7783-90-6	< 1%	N/A	N/A
Calcium carbonate 471-34-1	>98%	10mg/m3	15mg/m3

The specific percentages of composition have been withheld as trade secrets.

## 4. First-aid Measures

**Eye contact:** Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If irritation occurs, call a doctor for treatment advice.  
**Skin contact:** Flush thoroughly with water.

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**Inhalation:** Move person to fresh air. If irritation occurs, call a doctor for treatment advice.

**Ingestion:** Ingestion of significant amounts is unlikely. If irritation occurs, call a doctor for treatment advice.

**Most Important Symptoms, Acute and Delayed:** No known symptoms.

**Immediate Medical Attention Required:** None required.

#### 5. Fire-fighting Measures

**Suitable Extinguishing Media:** There are no unusual fire or explosion hazards with this material. This material is stable, non-hazardous.

**Unsuitable Extinguishing Media:** None known.

**Special Protective Equipment and Precautions for Fire-fighters:** There are no unusual fire or explosion hazards with this material. This material is stable, non-hazardous.

**Specific Hazards Arising From the Chemical:** None known.

#### 6. Accidental Release Measures

**Personal Precautions:** Using appropriate equipment, contain spilled material.

**Methods for Cleaning Up:** Product is a non-hazardous solid. Sweep up material and dispose of as normal household waste.

#### 7. Handling and Storage

**Handling:** Product is non-hazardous. There are no specific handling requirements.

**Storage:** Keep this product in original closed container when not in use. Store in cool, dry, well ventilated area away from open flame.

#### 8. Exposure Controls / Personal Protection

**Exposure Limits:** See Section 3.

**Appropriate Engineering Controls:** None required.

**Personal protective equipment:**  
– **Respiratory protection:** None required.

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– **Hand protection:** None required.  
– **Eye protection:** None required.  
– **Skin and body protection:** None required.  
**Hygiene measures:** None required.  
**Other Precautions:** None required.

### 9. Physical and Chemical Properties

**Appearance:** White granular material  
**Odor:** Not available  
**Odor threshold:** Not available  
**Melting point / range:** Not available  
**Boiling point / range:** Not available  
**Flash point:** Not available  
**Evaporation rate:** Not available  
**Flammability:** Not available  
**Vapor pressure:** Not available  
**Vapor density:** Not available  
**Bulk density:** Not available  
**Solubility in water:** Not available  
**Specific gravity:** Not available  
**pH:** Not available  
**Flammability limits:** Not available  
**Partition coefficient:** Not available  
**Auto-ignition temperature:** Not available  
**Decomposition temperature:** Not available  
**Viscosity:** Not available

### 10. Stability and Reactivity

**Reactivity:** Not reactive under normal conditions.  
**Stability:** This product is stable under normal conditions  
**Incompatible materials:** None known.  
**Conditions to avoid:** None known.  
**Hazardous decomposition products:** None known.  
**Possibility of hazardous reactions:** Hazardous polymerization will not occur under normal conditions.

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### 11. Toxicological Information

**Acute toxicity:** No data available  
**Carcinogenicity:** This product is not listed as a carcinogen by IARC.  
This product is not listed as a carcinogen by NTP.  
This product is not listed as a carcinogen by OSHA

### 12. Ecological Information

No data available

### 13. Disposal Considerations

**Waste disposal:** Product is a non-hazardous solid. Sweep up material and dispose of as normal household waste.

### 14. Transportation Information

Not applicable

### 15. Regulatory Information

**EPA FIFRA Information:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION

### 16. Other Information

Date of preparation: March 15, 2018

This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State, or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.

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**End of safety data sheet**