

MATERIAL SAFETY DATA SHEET

Serenade® Garden Disease Control Ready To Use Revision Date: December 19, 2003

Page 1 of 2

<p>Product Name: Serenade® Garden Disease Control Ready To Use</p> <p>Trade names/ Synonyms: Serenade Garden Ready To Use (RTU); QST 713 RTU; QRD144</p> <p>EPA Registration Number: 69592-16</p> <p>Primary Hazards: None known</p>	<p>Contact: AgraQuest, Inc. 1530 Drew Avenue, Davis, CA. 95616 Phone (Business hours): 530.750.0150 Fax: 530.750.0153 www.agraquest.com. info@agraquest.com For emergencies such as leaks or spills call CHEMTREC 24-hour toll-free hotline at 1-800-424-9300</p>
---	--

<p>SECTION 1: MATERIAL IDENTIFICATION</p> <p>INGREDIENT 1</p> <p>Common Name: QST 713 strain of <i>Bacillus subtilis</i></p> <p>Chemical Name: Not applicable</p> <p>Molecular Formula: Not applicable</p> <p>CAS Number: Not applicable</p> <p>Percent: 0.074 % nominal</p> <p>OTHER INGREDIENTS: inert, non-reactive</p> <p>SECTION 2: PHYSICAL DATA</p> <p>Boiling Point: ≥ 100° C</p> <p>Melting Point: Not applicable</p> <p>Density: 1.0 gram/cc</p> <p>Solubility in Water: Dispersible in water</p> <p>Appearance: Aqueous dispersion</p> <p>Color: light to medium brown</p> <p>Odor: mild, sweet, earthy odor</p> <p>SECTION 3: FIRE AND EXPLOSION DATA</p> <p>Flash Point: Not flammable</p> <p>Method: Not applicable</p> <p>Extinguishing Media: Use extinguishing media appropriate for the surrounding fire</p> <p>Special Fire Fighting Procedures: None</p> <p>Unusual Fire and Explosion Hazards: None</p>	<p>SECTION 4: REACTIVITY</p> <p>Stability: Material is non-reactive</p> <p>Hazardous Polymerization: Does not occur</p> <p>Incompatibility: None known</p> <p>Hazardous Decomposition Products: None known</p> <p>Conditions to avoid: None known</p> <p>SECTION 5: HEALTH HAZARDS</p> <p>Primary Route of Entry: Inhalation, Oral, Eye</p> <p>Exposure Limit: Not established</p> <p>Corrosive: Not corrosive</p> <p>Inhalation: Harmful if inhaled</p> <p>Skin Irritation: May be irritating to skin for some individuals</p> <p>Effects of Overexposure: If product comes in contact with skin, irritation may occur</p> <p>Toxicity: None of the components of this product are listed as carcinogenic by NTP, IARC, or OSHA</p> <p>Acute studies:</p> <p>Acute Oral LD₅₀ (Rat): >5,000 mg/kg (low toxicity)</p> <p>Acute Dermal LD₅₀ (Rabbit): >5,000 mg/kg</p> <p>Acute Inhalation LC₅₀ (Rat): >1.45 mg/L</p> <p>Primary Dermal Irritation: Slight Irritant</p> <p>Eye Irritation: Non-irritant</p>
--	---

MATERIAL SAFETY DATA SHEET

Serenade® Garden Disease Control Ready To Use Revision Date: December 19, 2003

Page 2 of 2

SECTION 6: FIRST AID

Emergency First Aid Procedures:

- If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
- If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- If on skin: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
- If swallowed: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case material is released or spilled:

Wear suitable protective clothing such as long-sleeved shirt, pants, waterproof gloves and shoes with socks. Carefully mop or sweep up spill and place in a closed container for disposal.

Waste disposal method: Dispose of in accordance with all applicable federal, state, and local environmental regulations.

For emergencies such as leaks or spills, call CHEMTREC 24-hour toll-free hotline at 1.800.424.9300.

SECTION 8: SPECIAL HANDLING

No special handling required.

SECTION 9: SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:

Store in a dry area inaccessible to children. Store in original containers only. Keep container closed when not in use.

If the container is empty, do not reuse this container. Place in trash or offer for recycling if available.

SECTION 9: SPECIAL PRECAUTIONS (continued)

If the container is partly filled, call your local waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water.

SECTION 10: SHIPPING REGULATIONS

Proper shipping name:	None
DOT Label (s) Required:	None
Freight Classification:	Insecticides, Fungicides N.O.I., Other Than Poisons. NMFC 102120 Class 60

SARA Title III Hazard Classification:

Immediate (acute) Health:	No
Delayed (chronic) Health:	No
Fire:	No
Sudden Release of Pressure:	No
Reactivity:	No

National Fire Protection Association Rating:

Health:	0
Flammability:	0
Reactivity:	0

This document set forth is based on information that AgraQuest, Inc. believes to be accurate. No warranty, expressed or implied, is intended. The information is provided solely for your information and consideration and AgraQuest assumes no legal responsibility for use or reliance thereon.

