

MATERIAL SAFETY DATA SHEET

RainGard® Cherry Cracking Suppressant  
MSDS# BIO-0787 Rev.0

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ISSUED 02/25/13

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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MATERIAL NAME: RainGard® Cherry Cracking Suppressant

MANUFACTURER: Valent BioSciences Corporation  
870 Technology Way, Suite 100  
Libertyville, Illinois 60048

EMERGENCY TELEPHONE NUMBERS

Emergency Health or Spill:

Outside the United States: 651-632-6184

Within the United States: 877-315-9819

2. COMPOSITION/INFORMATION ON INGREDIENTS  
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INGREDIENT NAME: No hazardous components; proprietary mixture of fatty acids and vegetable esters

CONCENTRATION: NA

CAS NUMBER: NA

OSHA-PEL 8HR TWA: N/L

STEL: N/L

CEILING: N/L

ACGIH-TLV 8HR TWA: N/L

STEL: N/L

CEILING: N/L

OTHER 8HR TWA: N/A

LIMITS STEL: N/A

CEILING: N/A

3. HAZARDS INFORMATION  
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Undiluted product may cause eye and skin irritation. Ingestion may cause irritation and nausea.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/D.

4. FIRST AID MEASURES  
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IF ON SKIN: Wash skin with plenty of soap and water. Get medical attention if irritation persists.

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. Get medical attention.

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IF SWALLOWED: Have person sip a glass of water or milk of magnesia if able to swallow. Call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

5. FIRE FIGHTING PROCEDURES

EXTINGUISHING MEDIA: Not flammable. Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire exposed containers cool.

SPECIAL EXPOSURE HAZARDS: None known.

Special Protective Equipment for Firefighters: Wear self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS: See Section 8 for personal protection measures. Spilled material may make floor slippery.

METHODS FOR CLEANING UP: Absorb material with earth, sand or other non-combustible material and transfer to containers for disposal. Do not allow spilled material to enter waterways or sewers.

7. HANDLING AND STORAGE

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HANDLING: Good standards of hygiene should be maintained at all times. For personal protection measures, see section 8.

STORAGE: Store in a cool, dry area at room temperature. Do not handle or store near open flames or other sources of heat. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE CLOTHING: Wear impervious clothing and chemical resistant gloves when handling.

Respiratory Protection: Not normally required. A NIOSH-approved respirator with organic vapor cartridge is recommended for use in areas without proper ventilation.

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EYE PROTECTION: Chemical goggles or full face shield are recommended. Eye fountain and washing facilities should be present at work area.

9. PHYSICAL AND CHEMICAL PROPERTIES  
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APPEARANCE: viscous white liquid  
ODOR: No data available  
BOILING POINT: 212°F (100°C)  
FLASH POINT: Not flammable  
FLAMMABLE LIMITS: Not applicable  
EXPLOSIVE PROPERTIES: No data available  
OXIDIZING PROPERTIES: No oxidizing properties  
VAPOR PRESSURE: No data available  
pH (@ 25°C): 7.0 - 8.0  
SPECIFIC GRAVITY: 0.99 (H<sub>2</sub>O=1)  
SOLUBILITY IN WATER: 100% soluble

10. STABILITY AND REACTIVITY  
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CONDITIONS/MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

11. TOXICOLOGICAL INFORMATION  
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No data available

12. ECOLOGICAL INFORMATION  
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No data available.

13. DISPOSAL CONSIDERATIONS  
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Recover or recycle if possible. Do not discharge into sewers, lakes,

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streams, or other bodies of water. Disposal should be made in accordance with applicable regional, national and local laws and regulations. Consult appropriate regulatory officials for information on disposal, keeping in mind that local regulations may be more stringent than regional or national requirements.

14. TRANSPORTATION INFORMATION  
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Not DOT Regulated

15. REGULATORY INFORMATION  
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CA Prop. 65: This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SARA 313: Contains no chemicals subject to SARA Title III Section 313 in quantities sufficient to trigger reporting requirements.

TSCA: All components of this product are included or exempt from inclusion in EPA's Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION  
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**HMIS Ratings:** Health - 1 Flammability - 0 Reactivity - 0

REASON FOR ISSUE: New MSDS  
APPROVAL DATE: 02/25/2013  
SUPERSEDES DATE:

LEGEND: N/A = Not Applicable  
N/D = Not Determined  
N/L = Not Listed  
L = Listed  
C = Ceiling  
S = Short-term

® = Registered Trademark of Valent BioSciences

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