

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: RainGard[®] Fruit Cracking Suppressant
Product Code: 10320
Product Use: Fruit Cracking Suppressant
Supplier: Pace International, LLC
Address: 5661 Branch Road, Wapato, WA 98951
Phone Number: 800-936-6750 (Monday-Friday, 7:00 a.m. – 4:00 p.m.)
Medical Emergency Phone Number: 888-271-4649 (PROSAR)
Transportation Emergency Phone Number: 800-424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

No GHS hazard classifications

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>Concentration (w/w %)</u>
Contains no hazardous ingredients in quantities of 1% or greater in its formulation.		
Proprietary formula with food grade ingredients.		

4. FIRST AID MEASURES

General Advice: Have the product container, label or Safety Data Sheet with you when calling a poison control center or physician, or going for treatment.

If on Skin: Take off contaminated clothing. Wash skin with plenty of soap and water. If redness, burning, or irritation persists, get medical advice/attention. Wash contaminated clothing before reuse.

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 advice/attention.

If Swallowed: 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, and then give artificial respiration, preferably mouth-to-mouth, if possible.

5. FIRE FIGHTING MEASURES

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 / Procedures for Firefighters: Wear self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective clothing, chemical resistant gloves, and safety glasses.

Environmental Precautions: In case of spill isolate area and deny entry to unnecessary personnel. Do not allow product to enter sewers, lakes, streams or other bodies of water.

Containment / Clean-Up Methods: Stop spill at the source. Construct temporary dikes of dirt, sand, or other appropriate material to prevent spreading of the material. Absorb with an inert material such as sand or vermiculite and place in an appropriate container for disposal.

7. HANDLING & STORAGE

Handling: Avoid contact with skin and eyes. Good standards of hygiene should be maintained at all times. Smoking, eating, and drinking are prohibited in the work area. For personal protection wear protective clothing, chemical resistant gloves, and safety glasses.

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. Keep out of reach of children and livestock.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:	No hazardous ingredients in quantities of 1% or greater in its formulation.
Engineering Controls:	Local exhaust ventilation maybe 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.
Personal Protective Equipment :	<p>Clothing: Wear protective clothing and chemical resistant gloves when handling.</p> <p>Eye Protection: Wear safety glasses. Eye fountain and washing facilities should be present at work area.</p> <p>Respiratory Protection: Not normally required. A NIOSH-approved particulate respirator is recommended when working in a dusty or misty environment.</p>



9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid	Upper/Lower flammability limits:	Not available
Appearance:	Off- white Light yellow homogenous emulsion	Vapor pressure:	Not available
Odor:	No data available	Vapor density: (air =1)	Not available
Odor threshold:	Not available	Specific Gravity: (H₂O = 1)	0.995
pH:	8.0 – 10.0	Solubility:	Miscible with water
Melting/Freezing point:	Not available	Partition coefficient (n-octanol-water):	Not available
Boiling point:	212°F (100°C)	Auto-ignition temperature:	Not available
Flash point:	Not flammable	Decomposition temperature:	Not available
Evaporation rate:	Not available	Viscosity:	Not available
Flammability (solid, gas):	Not applicable		

10. STABILITY & REACTIVITY

Reactivity hazards:	None known
Chemical stability:	Stable at ambient conditions.
Conditions to avoid:	Strong oxidizing agents.
Incompatible materials:	None known
Hazardous decomposition products:	None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	<p>Acute Oral: LD₅₀ (estimate): > 1120 mg/kg Based on Ingredients</p> <p>Acute Dermal: LD₅₀ (estimate): > 2680 mg/kg Based on Ingredients</p> <p>Inhalation: LC₅₀ (estimate): > 20 mg/L Based on Ingredients</p>
Skin corrosion/irritation:	Causes mild skin irritation.
Eye damage/irritation:	No evidence of eye irritation.
Respiratory/Skin sensitization:	No evidence of sensitization.
Germ cell mutagenicity:	Not available
Carcinogenicity:	No carcinogenic effects are expected due to product being comprised of FDA-approved food-grade ingredients.
Reproductive toxicity:	Occasional workplace exposure is not expected to present a hazard.
Target organ effects:	No known target organ effects.
Aspiration hazard:	Material does not present an aspiration hazard.
Potential health effects:	Known to be a skin sensitizer.

12. ECOLOGICAL INFORMATION

Toxicity:	LC ₅₀ (96-hr) fish: > 100 mg/L (estimate)	Based on Ingredients
Persistence/ degradability:	Not available	
Bioaccumulative potential:	Not available	
Mobility in soil:	Not available	
Other adverse effects:	Not available	



13. DISPOSAL CONSIDERATIONS

Disposal methods: Recover or recycle if possible. Do not discharge into sewers, lakes, 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. TRANSPORT INFORMATION

	<u>DOT</u>	<u>IMDG</u>	<u>IATA</u>
UN number:	Not applicable	Not applicable	Not applicable
Proper shipping name:	Not regulated	Not regulated	Not regulated
Hazard class(es):	Not applicable	Not applicable	Not applicable
Packing group:	Not applicable	Not applicable	Not applicable
Marine Pollutant:	Not applicable	Not applicable	Not applicable
Special precautions:	None		

15. REGULATORY INFORMATION

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.

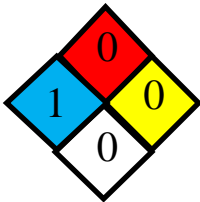
TSCA: All components of this product are included or exempt from inclusion in EPA's Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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

16. OTHER INFORMATION

HMIS Ratings: Health – 1 Flammability – 0 Reactivity – 0

NFPA Ratings:



The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, Pace International, LLC and its subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, neither Pace International, LLC nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. It is the users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact Pace International, LLC to confirm that you have the most current product label and SDS.

This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide consistent and important health, safety, and environmental information as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). This requirement covers employers, employees, emergency responders, users and others handling the product. All necessary hazard classification and appropriate precautionary, use, storage, and disposal information is set forth on the labeling and the SDS.

SDS preparation date: August 25, 2015 **Replaces MSDS dated:** January 30, 2015
Changes since last revision: New format to SDS

