



**Innovative Plant Health Solutions**  
SAFETY DATA SHEET

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Identity:</b>	<b>Fulvic-6020</b>
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<b>Recommended use of the chemical and restrictions on use:</b>	None known
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<b>Supplier:</b>	Horizon Ag-Products, L.P. 1819 Denver West Drive Suite 350 Lakewood, Colorado 80401 1-720-508-7500
<b>Emergency Phone:</b>	For Chemical Emergency Spill, Leak, Fire, or Accident Call <b>CHEMTREC</b> Day or Night Phone: 1-800-424-9300

SDS Date of Preparation: 3/10/20

**2. HAZARDS IDENTIFICATION**

<b>GHS Classification:</b>		
<b>Physical:</b>	<b>Health:</b>	<b>Environmental:</b>
Not Hazardous	Not Hazardous	Not Hazardous

**GHS Label Elements:**  
None Required

<b>Statement of Hazard</b>	<b>Precautionary Phrases</b>
None Required	None Required

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	Amount
Non-hazardous Ingredients	Mixture	Balance
Polyphenolic Acid Solution	Proprietary	0.60%

**4. FIRST AID MEASURES**

<p><b>Eye:</b> Flush eyes with water, while holding the eyelids apart. Get medical attention if irritation occurs.</p> <p><b>Skin:</b> Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.</p> <p><b>Ingestion:</b> Do not induce vomiting unless directed to do so by a medical professional. Rinse mouth with water and give one glass of water to drink. Get medical attention if irritation or symptoms develop.</p> <p><b>Inhalation:</b> Remove victim to fresh air. Get medical attention if breathing difficulties develop.</p>
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**Most Important Symptoms:** May cause slight eye, skin, and respiratory tract irritation.

**Indication of immediate medical attention/special treatment:** Immediate medical attention is not required.

#### 5. FIRE FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use any media that is appropriate for the surrounding fire.

**Specific Hazards Arising From the Chemical:** Hazardous decomposition materials include oxides of carbon and unknown materials.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

**Explosion Data (sensitivity to mechanical impact or static discharge):** None known.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Avoid contact with the eyes. Avoid prolonged skin contact. Wear appropriate protective clothing. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

**Methods and Materials for Containment and Cleaning Up:** Collect spill with an inert absorbent material and place in an appropriate container for disposal. For large spills, reclaim into recovery or salvage drums or tank truck for proper disposal. Rinse spill area with water. Prevent spill from entering sewers and water courses. Do not contaminate surface water. Report releases as required by local, state and federal authorities.

#### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing mists or vapors. Keep containers closed when not in use. Ensure all containers are labeled.

Do not reuse containers. Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, well-ventilated area away from heat and incompatible materials. Keep container tightly closed.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:**

Non-hazardous ingredients	None Established
Polyphenolic Acid Solution	None Established

**Engineering Controls:** Use with adequate general or local exhaust ventilation.

**Respiratory Protection:** Respiratory protection is not normally needed. In operations where exposures are excessive or symptoms occur, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Skin Protection:** Wear impervious gloves made of Neoprene, Nitrile, Butyl or PVC to prevent prolonged skin contact.

**Eye Protection:** Chemical safety glasses should be worn where splashing is possible.  
**Other:** Impervious coveralls, apron and boots as needed to avoid contact. Suitable washing facilities should be available in the work area.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance and Odor:</b> Brown liquid with slight or no odor.	
<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not determined
<b>Vapor Density:</b> Not determined	<b>Initial Boiling Point/Range:</b> Not determined
<b>Solubility In Water:</b> Dispersible.	<b>Vapor Pressure:</b> Not determined
<b>Relative Density:</b> 1.000-1.008 g/ml (8.34-8.41 lb/gal) (water=1)	<b>Evaporation Rate:</b> Not determined
<b>Melting/Freezing Point:</b> Not determined.	<b>pH:</b> 2.8-4.2
<b>VOC Content:</b> Not determined.	<b>Octanol/Water Coefficient:</b> Not determined
<b>Solubility:</b> Soluble in water.	<b>Decomposition Temperature:</b> Not determined
<b>Viscosity:</b> Not determined	<b>Flammability (solid, gas):</b> Not applicable
<b>Flashpoint:</b> No data available.	<b>Autoignition Temperature:</b> Not applicable
<b>Flammable Limits:</b> LEL: Not applicable UEL: Not applicable	<b>Moisture Content:</b> Not determined

**10. STABILITY AND REACTIVITY**

**Reactivity:** Not normally reactive.  
**Chemical Stability:** Stable under normal storage and handling conditions.  
**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.  
**Conditions to Avoid:** Avoid extreme heat or freezing temperatures.  
**Incompatible Materials:** Strong oxidizing agents.  
**Hazardous Decomposition Products:** Oxides of carbon and unknown materials.

**11. TOXICOLOGICAL INFORMATION**

**HEALTH HAZARDS:**  
**Eye:** May cause slight irritation with redness and tearing.  
**Skin:** May cause slight irritation following prolonged contact with human skin.  
**Ingestion:** May cause slight nausea and intestinal discomfort such as diarrhea.  
**Inhalation:** Inhalation of mists or vapors may cause mild irritation of the nose throat and upper respiratory tract.  
**Chronic:** None known.  
**Sensitization:** This material is not known to cause sensitization.  
**Carcinogenicity:** None of the components present are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.  
**Germ Cell Mutagenicity:** None known.  
**Reproductive Toxicity:** None known

**Numerical Measures of Toxicity:**  
 No data available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:**  
 Not data available.

**Persistence and Degradability:** Not data available.

**Bioaccumulative Potential:** Not data available.

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known.

### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national environmental regulations.

### 14. TRANSPORT INFORMATION

**DOT Hazardous Materials Description:** Not Regulated

**IMDG Shipping Description:** Not Regulated

**IATA Shipping Description:** Not Regulated

### 15. REGULATORY INFORMATION

**CERCLA 103 Reportable Quantity:** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Hazard Category for Section 311/312:** Refer to Section 2 for OSHA Hazard Classification.

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**Section 302 Extremely Hazardous Substances (TPQ):** None

#### INTERNATIONAL CHEMICAL INVENTORY STATUS:

**United States TSCA:** All the components are listed.

### 16. OTHER INFORMATION

**NFPA Rating:** Health = 1

Flammability = 0

Instability = 0

**HMIS Rating:** Health = 1

Flammability = 0

Physical Hazard = 0

#### Revision Summary:

7/1/15: New document

9/30/16: Updated formulation and classification.

02/19/2020: Revised Address in Sec. 1.

3/10/20: Revised Section 2, 5, 6, and 7.

3/25/20: Revised section 1.

3/26/21: Revised section 9.

#### NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Horizon Ag-Products, L.P. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.