

BRIGHT HONOR



## Qingdao Bright Honor Biotechnology Co., Ltd

Address: Huangdao District, Qingdao City, Shandong Province, China (formerly Unit 2, Building1, No. 3, Yinshatan Road, Development Zone, Room 1303)

Email: [hanyu@organic-green.cn](mailto:hanyu@organic-green.cn) Tel: +86-15610512127

### POTASSIUM PHOSPHITE LIQUID FERTILIZER

#### TDS

#### PRODUCT DESCRIPTION

Specialty liquid fertilizer containing potassium and phosphite nutrients.

#### GUARANTEED ANALYSIS

Total Nitrogen (N): 0 g/L

Available Phosphate ( $P_2O_5$ ): 525 g/L

Soluble Potash ( $K_2O$ ): 375 g/L

#### PHYSICAL PROPERTIES

Appearance: Light blue liquid

pH (1:250 dilution): 6.0 - 7.0

#### STORAGE & HANDLING

Store in original container between 5-40°C. Keep away from direct sunlight.





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## MATERIAL SAFETY DATA SHEET

### Potassium Phosphite Liquid Fertilizer

#### 1. IDENTIFICATION

**Product Name:** Potassium Phosphite Liquid Fertilizer

**Chemical Family:** Inorganic salt solution

**Use:** Agricultural fertilizer

**Manufacturer:** Qingdao Bright Honor Biotechnology Co., Ltd

**Emergency Contact:** Hanyu +8615610512127

#### 2. HAZARDS IDENTIFICATION

**Emergency Overview:** Light blue liquid. May cause mild eye and skin irritation.

##### Potential Health Effects:

- **Eye:** May cause irritation
- **Skin:** May cause mild irritation with prolonged contact
- **Ingestion:** May cause gastrointestinal discomfort
- **Inhalation:** Low hazard at room temperature

#### 3. COMPOSITION/INGREDIENT INFORMATION

##### Main Components:

- Available Phosphate (as  $P_2O_5$ ): 525 g/L
- Soluble Potash (as  $K_2O$ ): 375 g/L
- Other Ingredients: Water, stabilizers



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### 4. FIRST-AID MEASURES

**Eye Contact:** Flush with water for 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical advice.

**Inhalation:** Move to fresh air.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Light blue liquid
- **Odor:** Odorless
- **pH (1:250 dilution):** 6.0 - 7.0
- **Solubility:** Fully soluble in water
- **Density:** Approximately 1.5 g/cm<sup>3</sup>
- **Boiling Point:** >100°C

### 7. HANDLING AND STORAGE

**Handling:** Use with adequate ventilation. Avoid contact with eyes and skin.

**Storage:** Store in original container at 5-30°C. Keep away from strong acids and oxidizers.

### 16. OTHER INFORMATION

**Prepared:** 1st Feb, 2025

**Disclaimer:** This MSDS provides health and safety information. Users should evaluate product suitability for intended applications.



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### CERTIFICATE OF ANALYSIS

#### Product Information

**Product Name:** Potassium Phosphite Liquid Fertilizer

**Batch Number:** KPO-2025-001

**Manufacture Date:** 2025-07-01

**Expiry Date:** 2026-07-01

**Specification:** 0-525-375 (g/L)

#### Test Results

Parameter	Specification	Result
Appearance	Clear liquid	Clear light blue liquid
Total Phosphorous Acid (as $H_3PO_3$ )	525 g/L $\pm$ 2%	526.8 g/L
Potassium Oxide ( $K_2O$ )	375 g/L $\pm$ 2%	376.2 g/L
pH (250 times dilution)	6.0 - 7.0	6.5
Specific Gravity (20°C)	1.50 - 1.55	1.52

#### Conclusion

The above batch of Potassium Phosphite Liquid Fertilizer meets all quality specifications as defined in the product standard.



**Quality Control Manager:** Green

**Date Issued:** 2025-07-11

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**Laboratory:** Quality Control Department

**Note:** This certificate applies only to the batch tested

