



# Safety Data Sheet

## Synergizer® Grape

### SECTION 1: Product and Company Identification

Product name: Synergizer® Grape  
Product code: 0637 / 059017  
Product use: Plant fertilizer  
Product type: Liquid  
Manufacturer: JH Biotech, Inc.  
4951 Olivas Park Drive, Ventura, CA 93003  
Tel: (805) 650-8933 Fax: (805) 650-8942  
[info@jhbiotech.com](mailto:info@jhbiotech.com)  
Emergency phone: INFOTRAC (24-Hour) 1-800-535-5053 (North America) 1-352-323-3500 (International)

### SECTION 2: Hazards Identification

Signal word: Warning  
Label element:



Hazard statement: Harmful if swallowed.  
Precautionary statement: Do not swallow. Avoid contact with eyes.  
First Aid: If swallowed: Seek medical attention. Rinse mouth. If in eyes: Remove contact lenses if present. Wash thoroughly with water for several minutes.  
Storage & Disposal: Store in a safe manner. Dispose product/container in accordance with federal, state, and local regulations.  
HMIS Rating: Health = 1 Flammability = 0 Reactivity = 0

### SECTION 3: Composition/Information on Ingredients

| Component              | CAS No.   | %   |
|------------------------|-----------|-----|
| Ammonium phosphate     | 7722-76-1 | n/a |
| Potassium carbonate    | 584-08-7  | n/a |
| Potassium phosphate    | 7778-77-0 | n/a |
| Humic acid, leonardite | 1415-93-6 | n/a |

The specific identity and/or exact percentage of composition is not provided because it is a trade secret.

### SECTION 4: First Aid Measures

Inhalation: Remove from source of exposure. Get medical attention if necessary.  
Skin contact: Wash thoroughly with water. Get medical attention if necessary.  
Eye contact: Wash eyes with plenty of water for at least 15 minutes. Be sure to remove contact lenses. Get medical attention if necessary.  
Ingestion: Wash out mouth with plenty of water. Do not induce vomiting. Get medical attention if necessary.

### SECTION 5: Firefighting Measures

#### Suitable extinguishing media

Water spray, dry chemical, carbon dioxide, foam

#### Special hazards arising from the substance or mixture

None

#### Protection for firefighters

Wear protective clothing and equipment

### SECTION 6: Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

Wear protective clothing, gloves, and safety eye goggles.

#### Environmental precautions

Avoid discharge into environment

#### Methods and material for containment and cleaning up

Contain all spills and leaks to prevent discharge into the environment. Use appropriate tools to transfer spill material to proper disposal container. Or recover material and use it for its intended purpose.



# Safety Data Sheet

## Synergizer® Grape

### SECTION 7: Handling and Storage

#### Precautions for safe handling

Avoid overheating or freezing

#### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from direct sunlight. Keep containers tightly closed when not in use.

### SECTION 8: Exposure Controls/Personal Protection

#### Exposure controls

Product has no occupational exposure limits. Avoid inhaling dusts or vapors. Practice good industrial hygiene and safety.

#### Personal protection

Eye protection: Eye protection is not required. To avoid contact with eyes, use safety eye goggles.

Skin protection: Wear protective clothing as necessary to minimize contact. Use chemical resistant gloves.

Respiratory protection: Not required. Wear approved respiratory equipment if necessary.

### SECTION 9: Physical and Chemical Properties

#### Information on basic physical and chemical properties

|                                       |                         |                                  |                  |
|---------------------------------------|-------------------------|----------------------------------|------------------|
| <b>Appearance</b>                     | Black, dark brown color | <b>Vapor pressure</b>            | Not applicable   |
| <b>Odor</b>                           | Slight odor             | <b>Vapor density</b>             | Not applicable   |
| <b>pH</b>                             | 6 – 8                   | <b>Relative density</b>          | 1.25 g/ml        |
| <b>Physical state</b>                 | Liquid                  | <b>Solubility</b>                | Soluble in water |
| <b>Melting point / Freezing point</b> | Not applicable          | <b>Partition coefficient</b>     | Not applicable   |
| <b>Boiling point</b>                  | >100°C/212°F            | <b>Auto-ignition temperature</b> | Not applicable   |
| <b>Flash point</b>                    | Not applicable          | <b>Decomposition temperature</b> | Not applicable   |
| <b>Evaporation rate</b>               | Not applicable          | <b>Viscosity</b>                 | Not viscous      |
| <b>Flammability</b>                   | Non-flammable           | <b>Explosive properties</b>      | Non-explosive    |
| <b>Explosive limits</b>               | Not applicable          | <b>Oxidizing properties</b>      | Non-oxidizer     |

### SECTION 10: Stability and Reactivity

#### Reactivity

None

#### Chemical stability

Product is stable.

#### Possibility of hazardous reactions

Under normal conditions, hazardous reaction will not occur.

#### Conditions to avoid

Avoid heat

#### Incompatible materials

Not available

#### Hazardous decomposition products

Not available

### SECTION 11: Toxicological Information

#### Information on toxicological effects

Acute toxicity: Harmful if swallowed

Irritation: May cause eye or skin irritation

Corrosivity: Not known to be corrosive

Sensitization: Not known to cause sensitization

Dose toxicity: Not known to be toxic

Carcinogenicity: Not known to be carcinogenic

Mutagenicity: Not known to be mutagenic

Reproductive toxicity: Not known to cause reproductive harm



# Safety Data Sheet Synergizer® Grape

## SECTION 12: Ecological Information

### Ecotoxicity

Not considered hazardous.

### Persistence and degradability

Not available

### Bioaccumulative potential

Not available

### Mobility in soil

Soluble in water and may disperse in soil

## SECTION 13: Disposal Considerations

### Waste treatment methods

Dispose of product in accordance with federal, state, and local regulations. Consult with qualified representative for proper disposal or treatment.

## SECTION 14: Transport Information

### DOT

Not regulated by U.S. DOT as hazardous material.

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: Not applicable

### IATA

Not dangerous goods

### IMDG

Not dangerous goods

## SECTION 15: Regulatory Information

### CERCLA

This product does not contain any substance regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

### SARA 311/312 Hazards

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

### SARA 313

This product does not contain any material that is subject to reporting levels established by SARA Title III, Section 313.

### Subject to "Right-To-Know" legislation in the following states

This product contains one or more substances subject to Right To Know.

Massachusetts:

None

New Jersey:

Potassium carbonate (CAS # 584-08-7)

Potassium phosphate (CAS# 7778-77-0)

Pennsylvania:

Potassium carbonate (CAS # 584-08-7)

Potassium phosphate (CAS# 7778-77-0)



# Safety Data Sheet Synergizer<sup>®</sup> Grape

## California Prop 65

This product does not contain any chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

|                                      |
|--------------------------------------|
| <b>SECTION 16: Other Information</b> |
|--------------------------------------|

Issued: 8/25/2022

DISCLAIMER: Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, or furnishing of such information.