



Safety Data Sheet

Biosynergizer™ 8-10-5

SECTION 1: Product and Company Identification

Product name: Biosynergizer™ 8-10-5
Product code: 06380
Product use: Plant fertilizer
Product type: Liquid

Manufacturer: JH Biotech, Inc.,
4951 Olivas Park Drive, Ventura, CA 93030
Tel: (805)650-8933 Fax: (805)650-8942
info@jhbiotech.com

Emergency telephone: (800)428-3493 (within the United States)
(805)650-8933 (outside the United States)

SECTION 2: Hazards Identification

Contact with eyes or skin may cause irritation. May be harmful if swallowed.

SECTION 3: Composition/Information on Ingredients

Component	CAS No.
Humic acid, leonardite	1415-93-6
Potassium phosphate	7778-77-0
Potassium polyphosphate	13845-36-8
Ammonium phosphate	7722-76-1
Ferrous citrate	23383-11-1
Manganese citrate	10024-66-5
Zinc citrate	546-46-3

SECTION 4: First Aid Measures

Inhalation: Remove from source of exposure. Get medical attention if necessary.
Skin contact: Wash with thoroughly with soap and 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

Not available



Safety Data Sheet

Biosynergizer™ 8-10-5

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

Not available

Methods and material for containment and cleaning up

Contain all spills and leaks to prevent discharge into the environment. If spilled, use appropriate absorbent material to absorb the spilled material and flush spilled area with water.

Reference to other sections

Not available

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.

Specific end use(s)

Not available

SECTION 8: Exposure Controls/Personal Protection

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.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Dark green liquid
Odor	No offensive odor
pH	Not available
Melting point/freezing point	Not available
Boiling point	100°C/212°F
Flash point	Not available
Evaporation rate	Not available



Safety Data Sheet

Biosynergizer™ 8-10-5

Flammability	Not available
Explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.25 g/cc
Solubility	Soluble in water
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Non explosive
Oxidizing properties	Not available

SECTION 10: Stability and Reactivity

Reactivity

Not available

Chemical stability

Product is stable.

Possibility of hazardous reactions

Under normal conditions, hazardous reaction will not occur.

Conditions to avoid

Avoid heat

Incompatible materials

Calcium products; alkaline solutions

Hazardous decomposition products

Not available

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity:	Not available
Irritation:	Not available
Corrosivity:	Not available
Sensitization:	Not available
Dose toxicity:	Not available
Carcinogenicity:	Not available
Mutagenicity:	Not available
Reproductive toxicity:	Not available



Safety Data Sheet

Biosynergizer™ 8-10-5

SECTION 12: Ecological Information

Ecotoxicity

Not available

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

SECTION 13: Disposal Considerations

Waste treatment methods

Not hazardous waste. Dispose of product in accordance with regulations.

SECTION 14: Transport Information

UN number: Not available

UN proper shipping name: Not available

Transport hazard class(es): Not available

Packing group: Not available

Environmental hazards: Not available

Special precautions for user: Not available

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the product

Not available

SECTION 16: Other Information

Issued: Dec. 9, 2014

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.