



# Safety Data Sheet

## StressX

### SECTION 1: Product and Company Identification

Product name: StressX  
Product use: Biological inoculant  
Product type: Solid / Powder / Granule  
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)  
24-Hour Emergency tel: (800) 633-8253 (United States & Canada) (801) 629-0667 (International)

### SECTION 2: Hazards Identification

Signal word: None  
Label element: None  
Hazard statement: Not hazardous  
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.

### SECTION 3: Composition/Information on Ingredients

Component	CAS No.	%	Component	CAS No.	%
Dextrose	50-99-7	n/a	<i>Bacillus licheniformis</i>	n/a	n/a
Calcium carbonate	1317-65-3	n/a	<i>Bacillus subtilis</i>	n/a	n/a

The specific identity and/or exact percentage of composition is not provided because it is a trade secret. Product is not considered hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

### SECTION 4: First Aid Measures

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

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.

### SECTION 7: Handling and Storage

#### Precautions for safe handling

Avoid overheating or freezing



# Safety Data Sheet

## StressX

### Conditions for safe storage, including any incompatibilities

Store in dry and cool places. Avoid direct sunlight and store below 30°C. Do not subject the product or its ingredients to temperatures above 49°C at any time. Store away from incompatible materials.

## 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.

	OSHA PEL (8 hr TWA)	NIOSH REL (10 hr TWA)	ACGIH Threshold Limit Value (8 hr TWA)
Nuisance dust (total)	15 mg/m <sup>3</sup>	n/a	n/a
Nuisance dust (resp)	5 mg/m <sup>3</sup>	n/a	n/a

### 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>	Not available	<b>Vapor pressure</b>	Not applicable
<b>Odor</b>	Slight odor	<b>Vapor density</b>	Not applicable
<b>pH(1:10)</b>	Not available	<b>Relative density</b>	Not available
<b>Physical state</b>	Solid	<b>Solubility</b>	Not available
<b>Melting point / Freezing point</b>	>100°C / 212°F	<b>Partition coefficient</b>	Not applicable
<b>Boiling point</b>	Not available	<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

Anti-bacterial products. Alkaline solutions pH 10 and higher. Acidic solutions pH 1 and lower.

### Hazardous decomposition products

No known hazardous decomposition products

## SECTION 11: Toxicological Information

### Information on toxicological effects

Acute toxicity: May be harmful if swallowed  
Irritation: May cause irritation  
Corrosiveness: 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

## StressX

### SECTION 12: Ecological Information

**Ecotoxicity**

Not considered hazardous.

**Persistence and degradability**

Not available

**Bioaccumulative potential**

Not available

**Mobility in soil**

Not mobile

### SECTION 13: Disposal Considerations

**Waste treatment methods**

Not hazardous waste. 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.

**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).

**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.

**SARA 311/312 Hazards**

Acute Health Hazard:	No
Chronic Health Hazard:	No
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.

**Not subject to "Right-To-Know" legislation in the following states**

Massachusetts, New Jersey, Pennsylvania

### SECTION 16: Other Information

Issued: 2/28/2018

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.