

## Safety Data Sheet

### Cucumber Seed Powder

#### Section 1: Identification

<b>1.1 GHS product identifier</b>	
Product name:	Cucumber Seed Powder
<b>1.2 Recommended use of the chemical and restrictions on use</b>	For use in supplement and food applications. Do not use if allergic to cucumber seed.
<b>1.3 Supplier's details</b>	
Company name:	Botanic Innovations, LLC
Company address:	1580 S. River St. Spooner, WI 54801
Company contact:	1-715-635-7513   1-800-719-9878
<b>1.4 Emergency phone number</b>	<b>For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident – 24 Hours 1-800-719-9878</b>

#### Section 2: Hazard(s) identification

<b>2.1 Classification of the substance</b>					
Skin Irritation Eye Irritation Specific Target Organ Toxicity – Single Exposure	No hazard, no risk. Unlikely to irritate eyes. Not expected route of exposure. None.				
<b>2.2 Globally Harmonized System (GHS) label elements, including precautionary statements</b>					
<i>Hazard Classification</i>	<i>Category</i>	<i>Signal Word</i>	<i>Hazardous Statement</i>	<i>Precautionary Statement</i>	<i>Hazard Pictograms</i>
Skin	None	None	None	None	Not required
Eye	None	None	None	None	Not required
<b>2.3 Other hazards which do not result in classification:</b>					
Data not available.					

#### Section 3: Composition / information on ingredients

<b>3.1 Substances</b>							
Cucumber Seed Powder							
<b>3.2 Substance</b>							
Chemical name (Common name)	CAS #	OSHA PEL	ACGI H TLV	RSST Vemp	MSHA PEL	NIOSH Rel	% by weight
Cucumber Seed Powder	NA	15 mg/m <sup>3</sup> TWA (total); 5 mg/m <sup>3</sup> TWA (resp)	None	None	None	None	> 99

## Section 4: First-aid measures

<b>4.1 Description of necessary first-aid measures:</b>	
Eye Contact:	• Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. If symptoms persist get medical attention.
Skin Contact:	• Not expected to be irritating or sensitizing.
Inhalation:	• Remove victim immediately from source of exposure. Seek medical attention.
Ingestion:	• Not expected to be toxic.
<b>4.2 Indication of immediate medical attention and special treatment needed if necessary.</b> None known.	

## Section 5: Fire-fighting measures

<b>5.1 Flash Point:</b> NA.
<b>5.2 Suitable extinguishing media:</b> Extinguish using appropriate materials: foam, CO <sub>2</sub> , dry chemical, water fog.
<b>5.3 Specific hazards arising from the chemical:</b> Dust clouds in a confined area are known to explode if near an ignition source. Avoid dust dispersal.
<b>5.4 Special protective actions for fire-fighters:</b> Do not disperse dust into air. A direct stream of water could cause a dust cloud and explode given an ignition source.

## Section 6: Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures</b> Wear protective clothing, wear protective breathing apparatus, follow general fire precautions indicated in the workplace.
<b>6.2 Environmental precautions</b> Do not allow product to reach sewage system or any waterways. Inform respective authorities in case of spillage into waterways or sewage system.
<b>6.3 Methods and materials for containment and cleaning up</b> Avoid creating a dust cloud as dust clouds are known to explode in confined areas with an appropriate ignition source. Sweep up in accordance with local, state, and federal regulations.

## Section 7: Handling and storage

<b>7.1 Precautions for safe handling</b> Handle in accordance with good industrial hygiene and safety practice. Ensure good ventilation or exhaust in workplace. Avoid creating a dust cloud and do not handle near ignition sources.
<b>7.2 Conditions for safe storage, including any incompatibles</b> Store in tightly closed original container in a dry and cool place.

## Section 8: Exposure control / personal protection

<b>8.1 Control parameters</b> Not specific. Nuisance dusts – OSHA PEL: 15mg/m <sup>3</sup> TWA (total), 5mg/m <sup>3</sup> TWA (resp)* *CDC, NIOSH Pocket Guide to Chemical Hazards
<b>8.2 Appropriate engineering controls</b> Provide appropriate exits from rooms containing material. Ensure rooms are well-ventilated to avoid dusty situations.
<b>8.3 Individual protection measures, such as personal protective equipment (PPE)</b> <b>General:</b> Goggles, lab coat, gloves, hairnet, dust/mist type mask recommended.

**Other protection:** For prolonged or repeated contact use suitable gloves; use approved safety goggles or face shield; wear appropriate clothing to prevent possibility of skin contact; wash at the end of each work shift and before eating, smoking, and using the toilet.

## Section 9: Physical and chemical properties

Physical State:	Powder.
Appearance:	Light brown colored.
Odor:	Characteristic.
Melting:	NA
Boiling Point:	NA
Flash Point:	> 290° F
Flammability:	NA
Upper/lower flammability or explosive limits:	NA
Vapor pressure:	NA
Bulk density:	NA
Specific Gravity:	NA
Solubility(ies) in water 20 C:	NA
Decomposition temperature:	Not available.
Aerobic Plate Count:	NMT 10,000 cfu/g
Yeast and Mold:	NMT 1,000 cfu/g
E. coli by MPN:	Not detected.

## Section 10: Stability and reactivity

<b>10.1 Chemical stability</b> Stable under normal temperature and pressure.
<b>10.2 Chemical reactivity</b> Does not react with water. Will explode if enough dust dispersion occurs in a confined space with an ignition source.
<b>10.3 Conditions to avoid</b> Dust clouds near ignition sources.
<b>10.4 Hazardous decomposition products</b> Not known.

## Section 11: Toxicological information

<b>11.1 Substance</b>		
a) No toxic data recorded.	No data available for acute toxicity. No data found in literature search.	
b) Skin corrosion / irritation	No data available for adult skin.	
c) Serious eye damage / irritation	No data available.	
d) Respiratory or skin sensitization	Not expected route of exposure.	
e) Germ cell mutagenicity	No data available.	
f) Carcinogenicity	IARC:	Not classified as a human carcinogen.
	ACGIH:	Not classified as a human carcinogen.
	NTP:	Not classified as a human carcinogen.
	OSHA:	Not classified as a human carcinogen.
<b>11.2 Information on the likely routes of exposure</b> Inhalation.		
<b>11.3 Symptoms related to the physical, chemical and toxicological characteristics</b> To the best of our knowledge, this substance is not considered toxic.		
<b>11.4 Delayed and immediate effects and also chronic affects from short and long term exposure</b> Not determined.		
<b>11.5 Numerical measures of toxicity (such as acute toxicity estimates)</b> Not determined.		

**11.6 Interactive effects**

Unknown.

**Section 12: Ecological information****12.1 Info summary of Ecological information**

The ingredient is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**12.2 Eco-toxicological properties of specific substances**

See each category below for specific substances.

**12.3 Toxicity**

Eco-toxicity (aquatic and terrestrial, where available):

Acute Fish Toxicity:

LC50 – not available.

LC50 – not available.

Toxicity to aquatic plants– not available.

Toxicity to microorganisms– not available.

Toxicity Threshold - Unknown.

Summary: Not known as toxic.

**12.4 Persistence and degradability  
Substance**

Known to be biodegradable.

**12.5 Bio-accumulative potential  
Substance**

Not bio-accumulating.

**12.6 Mobility in soil  
Substance**

Unknown.

**12.7 Other adverse effects  
Substance**

Unknown.

**Section 13: Disposal considerations****13.1 Disposal methods**

Observe all federal, state and local environmental regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental release. This may include destructive techniques for waste and wastewater. In extreme situation, contact a licensed professional waste disposal service to dispose of this material.

**Section 14: Transportation information****14.1 UN Number**

Not regulated.

**14.2 UN Proper Shipping Name**

Consumer commodity.

**14.3 Transportation hazard class(es):**

None.

**14.4 Packing group, if applicable**

None.

**14.4.1 Marking requirements**

Not required for retail packages.

**14.5 Environmental hazards**

Substance not determined. Avoid exposure to waterways.

**14.6 Special precautions for user**

None.
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78° and IBC Code</b> Not applicable.
<b>14.8 Additional transportation information</b> None known.

**Section 15: Regulatory information**

<b>15.1 Safety, health and environmental regulations</b>	
<b>Country/State</b>	<b>Notification</b>
Canada	DSL – Domestic Substance List. Not regulated.
USA	TSCA – Toxic Substance Control Act: all ingredients listed. Not regulated.
California	Proposition 65 – Not regulated.

**Section 16: Other information**

<b>Disclaimer:</b> The information in this Safety Data Sheet (SDS) is believed to be accurate as of the date issued. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED IS MADE CONCERNING THE ACCURACY, COMPLETENESS OR RELIABILITY OF THE INFORMATION PROVIDED HEREIN, INCLUDING BUT NOT LIMITED TO, WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR COURSE OF PERFORMANCE. The information provided relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Since the conditions and methods of handling, storage, use and disposal of the product are beyond the control of Botanic Innovations. Botanic Innovations expressly disclaims any and all liability, loss or damage arising out of or relating to the use, storage, handling or disposal of the product or reliance on the information in this SDS. Users are cautioned to satisfy themselves as to the suitability of said information, procedures and recommendations for the purposes intended prior to use.			
<b>Revision / Date</b>	<b>Revision made</b>	<b>Prepared by</b>	<b>Reviewed by</b>
July 29, 2019	Update to supplier address	H. Gerovac	B. Rezarch
June 25, 2021	Update to letterhead	H. Gerovac	B. Rezarch
<b>End of SDS</b>			