

Safety Data Sheet

Red Raspberry Seed Powder

Section 1: Identification

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

Section 2: Hazard(s) identification

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

Section 3: Composition / information on ingredients

3.1 Substances							
Red Raspberry Seed Powder							
3.2 Substance							
Chemical name (Common name)	CAS #	OSHA PEL	ACGIH TLV	RSST Vemp	MSHA PEL	NIOSH Rel	% by weight
Red Raspberry Seed Powder	NA	15 mg/m ³ TWA (total); 5	None	None	None	None	> 99

		mg/m ³ TWA (resp)					
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Section 4: First-aid measures

4.1 Description of necessary first-aid measures:	
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.
4.2 Indication of immediate medical attention and special treatment needed if necessary.	
None known.	

Section 5: Fire-fighting measures

5.1 Flash Point:	NA.
5.2 Suitable extinguishing media:	Extinguish using appropriate materials: foam, CO ₂ , dry chemical, water fog.
5.3 Specific hazards arising from the chemical:	Dust clouds in a confined area are known to explode if near an ignition source. Avoid dust dispersal.
5.4 Special protective actions for fire-fighters:	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

6.1 Personal precautions, protective equipment and emergency procedures	Wear protective clothing, wear protective breathing apparatus, follow general fire precautions indicated in the workplace.
6.2 Environmental precautions	Do not allow product to reach sewage system or any waterways. Inform respective authorities in case of spillage into waterways or sewage system.
6.3 Methods and materials for containment and cleaning up	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

7.1 Precautions for safe handling	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.
7.2 Conditions for safe storage, including any incompatibles	Store in tightly closed original container in a dry and cool place.

Section 8: Exposure control / personal protection

8.1 Control parameters	Not specific. Nuisance dusts – OSHA PEL: 15mg/m ³ TWA (total), 5mg/m ³ TWA (resp)* *CDC, NIOSH Pocket Guide to Chemical Hazards
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8.2 Appropriate engineering controls Provide appropriate exits from rooms containing material. Ensure rooms are well-ventilated to avoid dusty situations.
8.3 Individual protection measures, such as personal protective equipment (PPE) General: 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 to dark reddish-orange 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

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

Section 11: Toxicological information

11.1 Substance		
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.
11.2 Information on the likely routes of exposure		
Inhalation.		
11.3 Symptoms related to the physical, chemical and toxicological characteristics		
To the best of our knowledge, this substance is not considered toxic.		
11.4 Delayed and immediate effects and also chronic affects from short and long term exposure		
Not determined.		
11.5 Numerical measures of toxicity (such as acute toxicity estimates)		
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.
14.7 Transport in bulk according to Annex II of MARPOL 73/78° and IBC Code Not applicable.
14.8 Additional transportation information None known.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations	
Country/State	Notification
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

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Revision / Date	Revision made	Prepared by	Reviewed by
July 29, 2019	Update to supplier address	H. Gerovac	B. Rezarch
June 25, 2021	Update to letterhead	H. Gerovac	B. Rezarch
End of SDS			