

SAFETY DATA SHEET

Date of Issue: 01/01/2022

Revision 1

**Phytogenic Patch Plus****Section 1. Identification**

Product Name: Phytogenic Patch Plus

Manufacturer: Distributors Processing, Inc., dba DPI GLOBAL
 17656 Ave 168
 Porterville, CA 93257
 Tel: (559) 781-0297
 Toll Free: (800) 654-3693

Emergency Telephone Number: (559) 781-0297

Recommended Use of Product: Animal/Industrial Application

Section 2. Hazards Identification

Globally Harmonized System Classification: This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Label Elements: Signal Word: Not applicable due to FDA Labeling

Other Hazards: None Identified

Section 3. Composition/Information on Ingredients

Common Name:	Saponin	
Component	CAS #	% by weight (concentration)*
Quilla saponaria extract	68990-67-0	50-100%
Sodium benzoate	532-32-1	≤ 1%

The exact percentage (concentration) of composition has been withheld as a trade secret

Section 4. First-Aid Measures

Ingestion: Rinse out mouth with water. Do not induce vomiting. Not expected to be toxic by ingestion.

Skin: Wash skin with soap and water. Generally the product does not irritate the skin.

Inhalation: Remove to a ventilated area with fresh air. Seek medical attention for any breathing difficulty.

Eye Contact: Flush opened eyes with water for several minutes. Obtain medical attention if irritation persists.

Most Important Symptoms or Effects, both Acute and Delayed: None known

Immediate Medical Care and Special Treatment Needs: Note to Physicians: treat symptomatically

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Section 5. Fire-Fighting Measures

- Suitable Extinguishing Media:** Use extinguishing agents that are appropriate to local circumstances and the surrounding environment.
- Specific Hazards Developing from the Chemical During Fire:** No unusual fire or explosion hazards are expected.
- Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus with full face piece and full protective gear.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

- Personal Precautions:** None required
- Emergency Responders Precautions:** Use personal protection recommended in Section 8. Use personal protective equipment as required.
- Environmental Precautions:** No special handling is required. Product is biodegradable in soil and water.

Methods and Materials for Containment and Cleanup Procedures

- Methods for Containment:** Prevent further leakage or spillage if safe to do so
- Cleanup Procedures:** Sweep up and dispose of as general trash. Residue quantities can be swept or washed away. Containers can be discarded as trash.

Section 7. Handling and Storage

- Precautions for Safe Handling:** Handle in accordance with good industrial hygiene and safety practices.
- Conditions for Safe Storage, Including any Incompatibilities:** Store this product in a cool, dry environment. Keep container closed when not in use. No known incompatible materials.

Section 8. Exposure Controls/Personal Protection

- Exposure Guidelines:** This product does not contain any hazardous materials with occupational exposure limits established by a regulatory agency.
- Appropriate Engineering Controls:** Where possible, provide general mechanical and/or local exhaust ventilation, as well as access to showers and eyewash stations.
- Personal Protective Equipment (PPE)**
- Respiratory Protection:** A general, all-purpose dust mask that is equal to or similar to NIOSH Approved N95 Particulate Respirator is recommended if needed.
- Eye/Face Protection:** No special technical protective measures are necessary.
- Skin and Body Protection:** No special technical protective measures are necessary.

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**Phytogenic Patch Plus****Section 9. Physical and Chemical Properties**

Appearance:		Upper/Lower Flammability or Explosive Limits:	Not applicable
Physical State:	Liquid	Vapor Pressure:	Not applicable
Color:	Dark brown	Vapor Density:	Not applicable
Odor:	Characteristic, bitter-sweet	Evaporation rate:	Not applicable
Odor Threshold:	No data available	Specific Gravity:	1.15 to 1.25
pH:	4	Solubility:	Soluble
Melting Point/Freezing Point:	Not applicable	Partition Coefficient: n-octanol/water:	Not applicable
Boiling Point:	Not applicable	Auto-ignition Temperature:	Not applicable
Flash Point:	NIL	Decomposition Temperature:	Not applicable
Evaporation Rate:	Not applicable	Flammability (solid, gas):	Not applicable

Section 10. Stability and Reactivity

Reactivity:	No data Available
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	None under normal processing
Conditions to Avoid:	Extremes of temperature and direct sunlight
Incompatible Materials:	None known
Hazardous Decomposition Products:	None known

Section 11. Toxicological Information**Information on Likely Routes of Exposure**

Inhalation:	No toxic effects
Ingestion:	No toxic effects
Skin Contact:	No toxic effects
Eye Contact:	No toxic effects

Description of Delayed, Immediate, or Chronic Effects from short- and long-term exposure

Description:	No toxic effects
Numerical Measures of Toxicity:	No data available
Description of Symptoms:	None known

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Section 12. Ecological Information

Ecological Toxicity:	This product consists of components that present no known hazards to an aquatic environment or other terrestrial organisms
Environmental Persistence and Degradability:	This product is biodegradable in soil and water
Environmental Mobility:	No data available
Other Adverse Effects:	None known

Section 13. Disposal Considerations

No special handling or disposal is required. Dispose in accordance with Federal, State and Local Regulations.

Section 14. Transport Information

NMFC:	Class 60
Special Precautions:	Avoid contact with Restricted Use Protein Products (RUPP)

Section 15. Regulatory Information

European Union: E999-Food additive for non-alcoholic drinks.

USA: FDA Title 21 CFR 172.510 – Flavoring agents and related substances.

Characterization of danger (symbol): Xi – Irritating.

R-Phrases: 36 Irritating to eyes.

S-Phrases: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Water-dangerous-class: 1 (light water-dangerous) according to Umweltbundesamt (Germany, Environmental Ministry)

Section 16. Other Information

Disclaimer: The opinions expressed herein are those of qualified experts within Distributors Processing, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Because the use of this information and of these opinions and the conditions of use of this product are not within the control of Distributors Processing, Inc., it is the user's obligation to determine the conditions of safe use of the products.

Revision Date: October 1, 2021

End of Safety Data Sheet