

Revision Date: May 13, 2023

SECTION 1. IDENTIFICATION

Product Name:	Plantain Leaf Botanical Extract Powder
INCI Name:	<i>Plantago major Leaf Extract</i>
CAS#:	84929-43-1
Recommended Use	Topical Cosmetic Use
Supplier:	Bulk Naturals Wholesale LLC. 212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs):	1-573-465-0612
Emergency Telephone # :	1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification:	Not a hazardous substance according to Regulation (EC) NO 1272/2008.
GHS Label elements	
Hazard statement(s)/Signal:	Not applicable.
Precautionary statement(s):	
P233	Keep the container tightly closed.
P281	Use personal protective equipment as required.
P402	Store in a dry place.
P404	Store in a closed container.
P410	Protect from sunlight.
P411	Store at temperatures not exceeding 32°C.

Other hazards which do not result in classification:

No particular fire or explosion hazard.	
By mechanical effect:	No particular hazards.
No particular hazards. By hygroscopic effect:	No particular hazards.

US NFPA 704 (National Fire Protection Association) Hazard Rating System:

Health hazard:	Rating 0; Normal material
Flammability:	Rating 0, Will not burn
Reactivity:	Rating 0, Stable

Results of PBT and vPvB assessment:

-PBT:	Not applicable.
-vPvB:	Not applicable.



Safety Data Sheet

Plantain Leaf Botanical Extract Powder

Page: 2/4

Revision Date: May 13, 2023

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Plantago Major (Plantain) Leaf Extract	84929-43-1	284-526-8	100.0%

SECTION 4. FIRST AID MEASURES

General:	In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation:	Move to fresh air from the exposure area. Get medical attention for any breathing difficulty.
Skin contact:	Rinse with soap and water. Get medical advice if irritation develops.
Eye contact:	Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.
Ingestion:	Consult with a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water spray, water jet, foam, dry powder, carbon dioxide.
Special precaution for fire-fighters:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Fire and explosion hazards:	Not considered to be a fire and explosion hazard.
Protection for fire-fighters:	Boots, gloves, and goggles.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with eyes. Personal Protective Equipment: -Protective goggles.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
Methods for cleaning up:	Clean up any spills as soon as possible with a wet absorbent material. Use suitable disposal containers.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid the generation and spreading of dust. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.
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The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent

Plantain Leaf Botanical Extract Powder

Page: 3/4

Revision Date: May 13, 2023

Recommended Storage Conditions: Store in a cool and dry location. Spilled material (both wet and dry) may cause slippery conditions. Care should be exercised when walking on spills.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Local exhaust.
Hand protection: Protective gloves made of rubber or neoprene.
Eye protection: Safety glasses.
Skin and Body Protection: Suitable protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow free-flowing powder.
Odor: Characteristic Odor.
Flashpoint: > 200 °F
Specific gravity (H2)=1): 0.921 g.cm3
Solubility: Soluble in water.
Boiling point or initial point: -100 °C

SECTION 10. STABILITY AND REACTIVITY

Stability: Chemically stable.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Humidity, sunshine, and high temperature.
Incompatible materials: Acid and alkaline.
Hazardous decomposition products: None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation: May cause mild irritation.
Skin contact: Adverse skin effects should be prevented by normal care and personal hygiene.
Eye contact: Eye contact may cause irritation.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not Determined.
Persistence and degradability: Not Determined.

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Safety Data Sheet

Plantain Leaf Botanical Extract Powder

Page: 4/4

Revision Date: May 13, 2023

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of this product in accordance with local, state or provincial, and federal regulations. Check with local municipal authorities to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

Revision date:

May 13, 2023

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