


L. plantarum 815 (LP815®) Safety Data Sheet

SECTION 1 Identification

Product Name	<i>L. plantarum</i> 815 (LP815®) – 100g, - 1kg, -5kg
Material Number	LP815_100g, _1kg, _5kg
General Use	Bulk raw material – for use in manufacturing of dietary supplements or food.
Product Description	A free-flowing freeze-dried probiotic powder. <i>Lactiplantibacillus plantarum</i> Lp815 is a unique probiotic strain that can synthesize clinically relevant amounts of the calming neurotransmitter GABA. This product has been designed to deliver unique benefits for stress, mood and sleep.
Supplier Information	Verb Biotics, LLC 777 29 th St., Suite 400 Boulder, CO 80303
Emergency Phone Number	(617) 226-5523

SECTION 2 Hazards Identification

<p>Hazards Overview:</p> 	<p>This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</p>
--	--

SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

Hazardous Components

COMPONENT	CAS#	WT%
None	None	None

Non-Dangerous Components

COMPONENT	CAS#	WT%
Microcrystalline cellulose	9004-34-6	80
<i>L. plantarum</i> 815	None	20

SECTION 4: FIRST AID MEASURES

INHALATION:	If overwhelmed by high dust concentrations, move to a well-ventilated area with fresh free flowing air.
EYE CONTACT:	Rinse opened eye for several minutes under running water.
SKIN CONTACT:	Product does not generally irritate the skin
INGESTION:	N/A

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	CO ₂ , dry chemical or water spray.
FIRE FIGHTING INSTRUCTIONS:	No special firefighting procedures required for this product. Control dust.
HAZARDOUS COMBUSTION PRODUCTS	N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Person-related precautions:	None required
Cleaning/Collecting Measures:	Conventional clean up.
Environmental protection:	None required

SECTION 7: HANDLING AND STORAGE

GENERAL	Store product in a dry environment at freezing temperatures
----------------	---

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL MEASURES	None required.
RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT	
RESPIRATORY	General all-purpose dust mask recommended.

EYES	The use of safety glasses follows good practice.
GLOVES	If desired, gloves can be used.
CLOTHING & EQUIPMENT	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Cream to tan colored
pH (as is):	N/A
Odor	Fermentation/ferment
Freezing/Melting Point	N/A
Boiling Point	N/A
Flash Point	N/A
Flammable Limits	N/A
Vapor Pressure	N/A
Vapor Density (air=1)	N/A
Solubility in H ₂ O	Practically insoluble

SECTION 10: STABILITY AND REACTIVITY

GENERAL	Product is considered stable at frozen temperatures.
---------	--

SECTION 11: TOXICOLOGICAL INFORMATION

Components	Microcrystalline Cellulose	Lp815
Eye Contact	None Known	None Known
Skin Contact	None Known	None Known
Human Data	None Known	None Known
Other Data	None Known	None Known
Carcinogenicity	None Known	None Known
Teratogenicity	None Known	None Known
Mutagenicity	None Known	None Known
Synergistic Products	None Known	None Known
Target Organs	None Known	None Known
Medical Conditions aggravated by exposure	None Known	None Known

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE	Biodegradable
ENVIRONMENTAL CONSIDERATIONS	None known

SECTION 13: DISPOSAL CONSIDERATIONS

In accordance with Federal, State and Local regulations

SECTION 14: TRANSPORTATION INFORMATION

DOT Classification:	None
Special Provisions for Transport:	None

SECTION 15: REGULATORY INFORMATION

Not applicable

SECTION 16: OTHER INFORMATION

Approved Product Uses	General food use		
Special Notes	N/A		
Special Instructions	N/A		
SDS Revision Information			
SDS Distributed by:	Verb Biotics, LLC		
Prepared By:	Johari Jordan, QC Manager	Date Prepared	July 8, 2025