



SAFETY DATA SHEET

Bacopa Monnieri Extract 50%

Effective Date: Feb-2022

1.0 IDENTIFICATION OF THE SUBSTANCE

Product Name: *Bacopa Monnieri* Extract 50%

HS Code: 29389090

2.0 APPLICATION OF THE SUBSTANCE

Bacopa Monnieri Extract 50% is used as an Nutraceutical and food ingredient for brain health

3.0 MANUFACTURER / SUPPLIER

Matrix Life Science Pvt. Ltd.

D-8, MIDC Paithan – 431148

Dist. Aurangabad, MS, India. www.matrixlifescience.com qa@matrixlifescience.com

4.0 EMERGENCY CONTACT NUMBER

Telephone Number: +91 2431 232 901 Ext. 183

5.0 COMPOSITION

Bacogmin 50% powder

Common Name: *Bacopa Monnieri* L.

Synonym : Pannel Extract, Brahmi extract

CAS No. 93164-89-7

6.0 HAZARDS IDENTIFICATION

Classification of the substance or mixture: Bacoside is not assessed as Hazardous substance.

Label Elements: The product does not need hazard labeling in accordance with EC directives.

Other Hazards: None. The product is Food, Nutraceutical & Pharma ingredient.

7.0 FIRST AID MEASURES

After Skin and Eye Contact: Rinse immediately with plenty of water for at least 15 minutes.

After Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed, call a physician.

Notes to Physician: Treat symptomatically.

Not classified as a Health hazard, as product is derived from *Bacopa monnieri*.

Avoid if sensitive to *Bacopa Monnieri*

8.0 FIRE FIGHTING MEASURES

Extinguishing Media: Carbon Dioxide, Dry Chemical Powder, Foam, and Sand as appropriate.

Regd. Office: 12, Shilp Nagar, Railway Station Road, Aurangabad 431005 (M.S) India

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Explosive Limits in Air: Not Established

Auto-ignition Temperature: Not Known

Exposure Hazards: None Known

Advice for Fire Fighters: Wear self contained breathing apparatus for firefighting if necessary.

9.0 SPECIAL PROTECTIVE EQUIPMENT

Wear self-contained breathing apparatus as well as protective clothing. Do not use water as an extinguishing media Thermal decomposition produces acrolein. Fire fighting water must be collected.
No Special equipment required for fire fighters

10.0 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes.

Environmental Precautions: Do not allow to flow into drainage systems.

Procedures for Spill/Leak clean up: Absorb spill on sand or vermiculite, and then placed in a closed container for its disposal. Ventilate area and wash spill site with soap and water after material pickup is complete.

Physically clean spill area, dispose off material, and use absorbents if required.

Note: Higher risk of slipping.

11.0 HANDLING AND STORAGE

Handling: No special precautionary measures are necessary.

Storage: Keep in a tightly closed container. Store at ambient temperature and under dry conditions and nitrogen blanketing. Keep protected from light and heat. Protect from contamination. Keep away from odorous and toxic substances.

Maximum 35°C and 70% relative humidity.

12.0 OTHER

This product may be used in food, pharma etc.

Glass bottles to be handled with care to avoid breakage. And large drums to be handled with care / on pallets to avoid fall and injury associated with same.

13.0 FIRE HAZARD WHEN WELDING THE EMPTY CONTAINER.

EXPOSURE CONTROLS AND PROTECTION CONTROL

Exposure Limits: Not Established.

Respiratory Protection: Not Required.

Personal Precautions: Avoid contact with eyes.

Eye Protection: Use chemical safety goggles and maintain eye wash fountain in work area.

Hand Protection: Wear protective gloves.



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14.0 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder.

Appearance: Off-White to light brown.

Odor: Bacopa extract

pH (25°C): N/A

Moisture: Max. 3%

Bulk Density (g/cm³): 0.35 – 0.55

Flash Point: >200°C Specific

Acidity (ml 0.1N NaOH): Max. 1.0

Gravity: 0.92 – 0.96

Vapour Pressure: N/A

Solubility: Insoluble in water (25°C)

Viscosity: N/A

Explosive Properties (Dust only): N/A

Flammability: N/A

Thermal Decomposition: N/A

15.0 STABILITY AND REACTIVITY

Hazardous decomposition products: Thermal decomposition leads to formation of acrolein.

Shelf life: Minimum of 36 months when kept unopened in the original packaging at temperature not exceeding 95°F (35°C).

Conditions to avoid: Avoid excessive exposure to light and moisture

16.0 TOXICOLOGICAL INFORMATION

Nontoxic, Substance is used in food stuff, pharmaceutical & cosmetics.

17.0 ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

18. DISPOSAL CONSIDERATIONS

Discharge, treatment or disposal may be subject to national, state or local laws. Physically clean spill area, use absorbents if required.

Incinerate or dispose off by composting or to approved landfill accordance with the local regulations

19.0 TRANSPORT INFORMATION

This material is NOT dangerous for air, ground or marine transport. No special considerations required.

AIR (IATA): Not Regulated for Air Transport.

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20.0 REGULATORY INFORMATION

Bacogmin is an EU generally permitted food additive according to EC Directive 74/329/EEC and may be used Quantum Satis, unless otherwise stated. The US Food and Drug Administration classify Bacopa as a GRAS (Generally Recognized as Safe) food ingredient under Title 21 CFR 184.1400. Labeling of products using Bacopa should be Bacoside.

21.0 OTHER INFORMATION

Department Issuing MSDS: Quality Control Department.
Contact: +91-2431-232901 / 02

22.0 KEY LITERATURE REFERENCES AND SOURCES FOR DATA

This information has been developed by MFSPL staff from sources considered reliable but has not been independently verified by MFSPL.

This information is provided for documentation purpose only. This product is not considered as Hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however; all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use there of Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

23.0 Disclaimer

Recommendations for use and application of the product are given for information purposes. This information is based on current knowledge and provided without warranty. The information believed to be correct. This information should be used to make an independent determination of the methods to safeguard the workers and the environment. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.