

Material Safety Data Sheet (MSDS)

Product Name: Vitamin B8 Inositol (Indian Make)

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd

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1. Identification of the Substance/Preparation and Company

- **Product Name:** Vitamin B8 (Inositol)
- **Synonyms:** Myo-Inositol, Inositol
- **CAS No.:** 87-89-8
- **Molecular Formula:** $C_6H_{12}O_6$
- **Recommended Use:** Nutraceuticals, dietary supplements, pharmaceuticals, food applications.

2. Hazard Identification

- Not classified as hazardous according to GHS
- Low hazard under normal handling conditions
- Dust may cause mild eye or respiratory irritation

3. Composition / Information on Ingredients

Vitamin B8 (Inositol) is a single-component substance.

It contains **Inositol (CAS No. 87-89-8)** with a typical purity of **not less than 98.0%**.

No hazardous impurities are present within the specified limits.

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash thoroughly with soap and water.
- **Eye Contact:** Rinse cautiously with clean water for at least 15 minutes.
- **Ingestion:** Rinse mouth. Consult a physician if large amounts are ingested.

5. Fire Fighting Measures

- **Flammability:** Non-flammable
- **Extinguishing Media:** Water spray, CO₂, dry chemical, foam
- **Hazardous Combustion Products:** Carbon oxides
- **Protective Equipment:** Self-contained breathing apparatus

6. Accidental Release Measures

- Avoid dust formation
- Collect material by sweeping or vacuuming
- Place in suitable, labeled containers for disposal

7. Handling and Storage

- Handle in well-ventilated areas
- Avoid unnecessary dust generation
- Store in a cool, dry place
- Keep containers tightly closed and protected from moisture

8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not established
- **Engineering Controls:** Adequate ventilation
- **Personal Protective Equipment:**

- Safety goggles
- Protective gloves
- Dust mask for bulk handling

9. Physical and Chemical Properties

- **Appearance:** White crystalline powder
- **Odor:** Odorless
- **Taste:** Slightly sweet
- **Solubility:** Freely soluble in water
- **pH:** Neutral
- **Melting Point:** Approx. 225 °C

10. Stability and Reactivity

- Stable under recommended storage conditions
- Avoid excessive heat and moisture
- Incompatible with strong oxidizing agents
- No hazardous decomposition products

11. Toxicological Information

- Low acute toxicity
- May cause mild irritation to eyes or respiratory tract
- Not carcinogenic (not listed by IARC, NTP, OSHA)

12. Ecological Information

- Not expected to be harmful to the environment
- Readily biodegradable
- No bioaccumulation expected

13. Disposal Considerations

- Dispose in accordance with local and national regulations
- Avoid release into drains or natural water bodies

14. Transport Information (Detailed)

- **UN Number:** Not applicable
- **Proper Shipping Name:** Not regulated
- **Hazard Class:** Not classified
- **Packing Group:** Not applicable

Transport Modes:

- Road (ADR): Not restricted
- Rail (RID): Not restricted
- Sea (IMDG): Not regulated as dangerous goods
- Air (IATA): Not restricted

Special Precautions:

- Transport in sealed, moisture-proof containers
- Protect packaging from physical damage
- Ensure proper labeling and hygiene during transport

15. Regulatory Information

- Complies with applicable Indian food and pharmaceutical regulations
- Not classified as hazardous under GHS

16. Other Information

- Intended for industrial, pharmaceutical, and nutraceutical use only
- Information is based on current knowledge and provided for safe handling guidance
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.