

Material Safety Data Sheet (MSDS)

Product Name: Lake Raspberry Red Powder Food Grade

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: Lake Raspberry Red Powder (Food Grade)

Recommended Use: Food colouring, beverages, confectionery, bakery, nutraceutical applications.

2. Hazard Identification

- Not classified as hazardous under GHS.
- Non-flammable, non-toxic under normal conditions.
- **Potential Health Effects:**
 - Inhalation: May cause mild irritation.
 - Skin Contact: Generally non-irritant.
 - Eye Contact: May cause mild temporary irritation.
 - Ingestion: Considered safe in approved food-use quantities.

3. Composition / Information on Ingredients

Substance: Lake Raspberry Red Powder

Chemical Nature: Food-grade pigment

Components: Food colour lake blend, permitted aluminium lake base, carriers (as applicable).

Impurities: No hazardous impurities present.

4. First Aid Measures

Inhalation: Move to fresh air, rinse mouth if needed.

Skin Contact: Wash with water if irritation occurs.

Eye Contact: Rinse with clean water for several minutes.

Ingestion: Safe in food-use amounts; if discomfort occurs, seek medical attention.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical.
 - **Specific Hazards:** Product is non-flammable.
 - **Protection for Firefighters:** Wear standard protective equipment.
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6. Accidental Release Measures

- Avoid creating dust.
 - Sweep up and collect in closed containers.
 - Wash the spill area with water.
 - Ensure proper ventilation.
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7. Handling and Storage

Handling:

- Avoid dust formation.
- Use in well-ventilated areas.

Storage:

- Store in a cool, dry place away from moisture.
- Keep containers tightly closed.
- Avoid direct sunlight.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Good ventilation recommended.
- **Personal Protective Equipment:**
 - Dust mask (if airborne dust is present)
 - Gloves optional
 - Safety glasses optional

9. Physical and Chemical Properties

- **Appearance:** Red-coloured free-flowing powder
- **Odour:** Odourless to mildly characteristic
- **Solubility:** Insoluble in water (lake pigment nature)
- **Bulk Density:** Variable
- **Stability:** Stable under normal storage conditions

10. Stability and Reactivity

- Stable and non-reactive.
- Avoid extreme heat and moisture.
- No hazardous decomposition products.

11. Toxicological Information

- Considered non-toxic in approved food-grade applications.
- No known carcinogenic, mutagenic, or reproductive hazards.
- Mild irritation may occur if exposed to eyes or respiratory tract.

12. Ecological Information

- Not expected to be harmful to the environment.
- Not biodegradable but inert.
- Avoid releasing large quantities into water bodies.

13. Disposal Considerations

- Dispose of in accordance with local regulations.
- Non-hazardous waste.
- Avoid disposing into drains or natural water sources.

14. Transport Information (DETAILED)

Lake Raspberry Red Powder (Food Grade) is **not classified as dangerous goods** under international transport regulations. It can be transported safely by **road, air, and sea** with standard packaging precautions.

UN Number:

Not applicable (non-hazardous)

UN Proper Shipping Name:

Not regulated; transport as *Food Additive / Colour Powder*

Transport Hazard Class(es):

Not applicable – product is **non-flammable, non-toxic, non-reactive**

Packing Group:

Not applicable

Environmental Hazards:

- Not considered a marine pollutant
- No environmental transport restrictions

Transport Labels Required:

None

Special Precautions for Transport:

- Keep container tightly sealed to prevent moisture absorption
- Protect from physical damage
- Avoid excessive heat and humidity during transport
- Ensure bags/drums are properly labelled with batch number and product name

Regulatory Transport Compliance:

- **ADR (Road):** Not regulated
- **IMDG (Sea):** Not regulated
- **IATA (Air):** Not regulated
- **Domestic Transport (India):** Transport as non-hazardous food colour additive

15. Regulatory Information

- Approved for use in food applications under relevant national and international standards.
- Not classified as hazardous under GHS, OSHA, or EU regulations.

16. Other Information

- This MSDS is prepared based on available information and is intended for safe handling guidance.
- The product should be used only for intended food-grade applications.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.