RAWPHARMA BIZ PRIVATE LIMITED
1101-CITY CENTRE-2, SCIENCE CITY ROAD,
SOLA, AHMEDABAD, GUJARAT,380060
Mobile: +91-8320310672
E-mail: info@rawpharmabiz.com
Website: www.rawpharmabiz.com

Material Safety Data Sheet (MSDS)

Product Name: Artichoke Extract
MSDS Generate Date: 20-05-2017
Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd
1101- City Centre 2,
Science City Road,
Sola Ahmedabad Gujarat,
India - 380060.
Contact No.: +91 97272 88479
Email: info@rawpharmabiz.com
Website: www.rawpharmabiz.com

---

1. Identification of the Substance/Preparation and Company

- **Product Name:** Artichoke Extract
- **Synonyms:** Cynara scolymus Extract
- **CAS Number:** Not assigned (natural extract)
- **Chemical Formula:** Not applicable (plant extract)
- **Recommended Use:** Dietary supplement, herbal medicine, food additive

---

2. Composition/Information on Ingredients

- **Ingredient:** Artichoke Extract
- **Purity:** 98% (typical, depending on batch)
- **Hazardous Components:** None identified at standard concentrations

---

3. Hazards Identification

- **Classification:** Not classified as hazardous under normal handling conditions.
- **Potential Health Effects:**
    - May cause mild gastrointestinal discomfort in sensitive individuals.
    - Rare allergic reactions possible in susceptible persons.
- **Environmental Hazards:** No significant environmental hazards expected.

---

4. First Aid Measures

- **Inhalation:** Move to fresh air. If symptoms persist, seek medical attention.
- **Skin Contact:** Wash thoroughly with soap and water.
- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes.
- **Ingestion:** Rinse mouth and drink water. Seek medical attention if symptoms occur.

---

5. Firefighting Measures

- **Extinguishing Media:** Water spray, foam, dry chemical, CO_2.
- **Special Hazards:** May produce smoke and toxic fumes on combustion.
- **Protective Equipment:** Firefighters should wear full protective clothing and self-contained breathing apparatus.

---

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation; use protective equipment.
- **Environmental Precautions:** Prevent entry into waterways.
- **Cleanup Methods:** Sweep or vacuum spilled material and dispose of according to local regulations.

---

7. Handling and Storage

- **Handling:** Avoid inhalation and contact with eyes. Use in a well-ventilated area.
- **Storage:** Store in a cool, dry, and well-ventilated place. Keep container tightly closed. Protect from light and moisture.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Use local exhaust ventilation if dust is generated.
- **Personal Protective Equipment (PPE):**
    - Respiratory protection: Dust mask if airborne particles exceed limits.
    - Hand protection: Gloves recommended.
    - Eye protection: Safety glasses.
    - Skin protection: Lab coat or protective clothing.

9. Physical and Chemical Properties

- **Appearance:** Brown-green powder
- **Odor:** Characteristic herbal
- **pH:** 4.5–6.0 (10% solution)
- **Melting Point:** Not applicable
- **Boiling Point:** Not applicable
- **Solubility:** Soluble in water and alcohol

10. Stability and Reactivity

- **Chemical Stability:** Stable under normal conditions.
- **Conditions to Avoid:** High temperature, moisture, direct sunlight.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** None under normal conditions.

11. Toxicological Information

- **Acute Toxicity:** Low toxicity; oral LD50 not established.
- **Chronic Toxicity:** No long-term toxic effects reported.
- **Skin/Eye Irritation:** Mild irritation possible.

- **Sensitization:** Rarely may cause allergic reaction.

---

12. Ecological Information

- **Environmental Fate:** Biodegradable; non-persistent.
- **Ecotoxicity:** Non-toxic to aquatic organisms at normal concentrations.

---

13. Disposal Considerations

- Dispose of in accordance with local, regional, and national regulations.
- Avoid release into the environment.
- Packaging should be disposed of responsibly.

---

14. Transport Information (DETAILED)

- **UN Number:** Not regulated
- **UN Proper Shipping Name:** Artichoke Extract
- **Transport Hazard Class:** Not classified as hazardous
- **Packing Group:** Not applicable
- **Environmental Hazards:** Not classified as environmentally hazardous
- **Special Precautions for Transport:**
    - Ensure containers are securely closed and protected from physical damage.
    - Avoid exposure to moisture, heat, or direct sunlight during transit.
    - For international transport, check specific regulations (IMDG, IATA, ADR/RID).
    - No specific labeling required for bulk or retail packaging.
- **Transport Mode:** Suitable for road, rail, sea, and air under standard conditions.
- **Emergency Response Guide:** In case of accidental spill during transport, follow procedures for non-hazardous powders—contain, sweep, and avoid dispersal into water systems.

---

15. Regulatory Information

- Complies with local and international regulations for food and herbal supplements.
- Not listed as a hazardous substance by OSHA, EU CLP, or GHS.

---

16. Other Information

- This MSDS is based on current knowledge and intended to describe safety requirements.
- Users should verify suitability for their specific application.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.