

Material Safety Data Sheet (MSDS)

Product Name: Silica Granules Feed Grade

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

- **Chemical Name:** Silicon Dioxide
- **Synonyms:** Silica Granules
- **CAS Number:** 7631-86-9
- **Feed Grade:** Suitable for animal feed supplementation

2. Composition / Information on Ingredients

- Silica (SiO_2): $\geq 98\%$
- Moisture: $\leq 2\%$
- Other inert minerals: $\leq 1\%$

3. Hazard Identification

- Non-toxic in recommended feed doses
- May cause irritation to eyes and respiratory tract if inhaled as dust

4. First Aid Measures

- **Inhalation:** Move to fresh air, rinse nose and throat, seek medical advice if symptoms persist
- **Skin Contact:** Wash with soap and water
- **Eye Contact:** Rinse thoroughly with water; consult a physician if irritation persists
- **Ingestion:** Rinse mouth, drink water, consult physician if discomfort occurs

5. Fire Fighting Measures

- Silica is non-flammable
- Suitable extinguishing media: Water, CO₂, dry chemical powder
- Firefighters should wear protective gear

6. Accidental Release Measures

- Avoid creating dust
- Sweep up and dispose according to local regulations
- Use PPE such as masks and gloves

7. Handling and Storage

- Store in a dry, ventilated area
- Avoid inhalation of dust
- Keep containers tightly closed

8. Exposure Controls / Personal Protection

- Use dust mask or respirator
- Protective gloves and goggles recommended

- Ensure adequate ventilation

9. Physical and Chemical Properties

- **Appearance:** White or off-white granules
- **Odor:** Odorless
- **Solubility:** Insoluble in water
- **Melting Point:** > 1600°C

10. Stability and Reactivity

- Stable under normal conditions
- Avoid strong acids and alkalis
- No hazardous polymerization

11. Toxicological Information

- Non-toxic in feed amounts
- Dust may cause mild respiratory irritation

12. Ecological Information

- Silica is environmentally inert
- No known ecological hazards

13. Disposal Considerations

- Dispose of in accordance with local regulations
- Avoid release to water bodies

14. Transport Information (Detailed)

- **UN Number:** Not classified as hazardous

- **Proper Shipping Name:** Silica Granules, Feed Grade
- **Transport Hazard Class:** Not applicable
- **Packing Group:** Not applicable
- **Marine Pollutant:** No
- **Transport Precautions:**
 - Keep product dry and sealed during transport
 - Avoid excessive dust generation
 - Ensure secure packaging to prevent spillage
- **Modes of Transport:**
 - **Road/Rail:** Use covered containers or bags
 - **Sea:** Store in dry holds; avoid moisture contact
 - **Air:** Only cargo; protect from moisture and avoid free flow in aircraft

15. Regulatory Information

- Complies with Indian feed regulations
- Not classified as a hazardous substance

16. Other Information

- The information is based on current knowledge and intended to describe the product for safety purposes
- It should not be construed as a guarantee of product properties
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.