

Silica Gel

Revision Date: 02/25/09

1. Chemical Product and Company Identification

Common Name: Silica Gel, Kieselgel; Daiso Gel; Amorphous Silica

Chemical Name: Silica Gel, Silicon Dioxide

CAS No: 63231-67-4

Product Use: Desiccant

Supplier: Desiccare Inc
3400 Pomona Boulevard
Pomona, CA 91768
1-909-444-8272

2. Composition/Information on Ingredients

<i>Ingredient</i>	<i>Weight % in Product</i>	<i>Notes</i>
Silica Gel	99-100%	None

3. Hazards Identification

Color: Clear granules or spherical beads

Form: Granules or spherical beads

Odor: None

Flash Point, ° C: Not Applicable

Potential Health Effects:

Inhalation: May cause irritation to the respiratory tract. Symptoms may include dryness, sore throat and wheezing.

Ingestion: No adverse health effects are expected.

Skin Contact: May cause dryness and mechanical irritation.

Eye Contact: Large amounts of dust may cause irritation.

Carcinogenicity:**Chronic Health Hazards:** Silica Gel does not produce silicosis**Aggravated Medical Conditions:** No information found.**4. First Aid Measures****Inhalation:** Move person to fresh air. Seek medical attention if necessary.**Ingestion:** If large quantities are ingested, seek medical advice**Skin Contact:** Flush skin with water. If irritation persists seek medical attention**Eye Contact:** Flush Eyes with water for 15 minutes. If irritation persists seek medical attention.**5. Fire Fighting Measures****Flash Point, ° C:** Not Applicable**Autoignition Temperature ° C:** Not Determined**Lower Explosive Limit, %:** Not Determined**Upper Explosive Limit, %:** Not Determined**Extinguishing Media:** Use media appropriate for surrounding fire.**Fire Fighting Procedures:** Positive pressure, self contained breathing apparatus. Protective clothing.**Fire and Explosion Hazards:** Not a fire or explosion hazard.**6. Accidental Release Measures****Spill Procedures:** Contain spillage. Scoop or vacuum into a container for reclamation or disposal. Avoid dusting. Vacuuming or wet sweeping may be used to avoid dust.**7. Handling and Storage**

Keep container closed.

Store in cool, dry location.

Avoid Generating or breathing dust.

Use only with adequate ventilation.

8. Exposure Controls/Personal Protection

<i>Ingredient</i>	<i>Weight % in product</i>	<i>OSHA PEL:</i>	<i>ACGIH TLV:</i>
Silica Gel	100	80 mg/m ³	10 mg/m ³

- Personal Protective Equipment:** Safety glasses. Wear suitable gloves
- Respiratory Protection:** Use a NIOSH/MSHA approved respirator as necessary to protect from dust.
- Ventilation:** General ventilation. Local exhaust ventilation is recommended.

9. Physical and Chemical Properties

- Form:** Granules or spherical beads
- Color:** White, clear
- Odor:** None
- Specific gravity:** 2.1
- Solubility (water):** Negligible
- pH:** 3-8 (5% slurry)
- Melting Point:** 1610 °C
- Boiling Point:** 2230 °C

10. Stability and Reactivity

- Stability Data:** Stable
- Conditions/Hazards to avoid:** None anticipated
- Incompatibility:** Strong acids, strong bases and oxidizers. Fluoride compounds.
- Hazardous Decomposition Products:** Oxides of carbon and silicon may be formed when heated to decomposition temperature.
- Polymerization:** None anticipated
- Polymerization-Avoid:** None anticipated

11. Toxicological Information

No toxicological data is available

12. Ecological Information

No Data available.

13. Disposal Considerations

US EPA Waste Number: Not regulated
Disposal of Waste Method: Federal, state and local disposal laws will determine the proper waste disposal procedure.

14. Transport Information

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated.

15. Regulatory Information

This product or its' ingredients are listed on or compliant with the TSCA Inventory

16. Other Information

NFPA Classification

Health: 1

Flammability: 0

Instability: 0

Special Hazards:

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.