

Silica Gel

Section I - General Information

Company Name : **Silica Gel Desiccant Products Co.**
5601 W. Slauson Avenue, Suite 260
Culver City, CA 90230-6598

Telephone No. : **310-258-9121**

Date of Issue : **January 3, 2010**

Chemical Names and Synonyms: **Indicating/Non-indicating Granular & Beaded Silica Gel.**
Amorphous Silicon Dioxide

Chemical Family : **Synthetic Amorphous Silica**

Section II - Hazardous Ingredients

| <u>Ingredients</u> | <u>%</u> | <u>TLV (Units)</u> | <u>CAS RN</u> |
|---|-------------|----------------------------|-------------------|
| Amorphous Silica Dioxide | 99.1 | 10 mg/m³ | 63231-67-4 |
| Cobalt Chloride (Only for Blue Indicating) | .5 | not listed | 7646-79-9 |

Section III - Physical Data

Boiling Point: **N/A**

Vapor Density: **N/A**

Melting Point: **2900 F (SiO₂)**

Evaporation Rate: **N/A**

Appearance and Odor: **Clear blue (Indicating)**
Clear White (Non-Indicating)

Vapor Pressure: **N/A**

Solubility in Water: **Insoluble. Cobalt Chloride may
leach out**

Specific Gravity (H₂O-1): **2.10 Ave.**

Section IV - Fire and Explosion Hazard Data

Ignition Temperature: **N/A**

Flash Point (Method Used): **None**

Extinguishing Media: **Multi-purpose dry chemical, foam or water extinguishers.**

Special Fire Fighting Procedures: **None**

Unusual Fire and Explosion Hazard: **None**

Section V - Reactivity Data

Stability: **Stable**

Conditions to Avoid: **N/A**

Incompatibility (Materials to Avoid): **N/A**

Hazardous Decomposition or By-products: **N/A**

Hazardous Polymerization: **Will not occur**

MATERIAL SAFETY DATA SHEET

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Section VI - Health Hazard Data

Routes of Entry: **Inhalation**

Carcinogenicity: **N/A**

Health Hazards: **N/A**

Signs and Systems of Exposure: **N/A**

Medical Conditions Generally Aggravated by Exposure: **Irritation of the mucous membranes of the nose and throat.**

Emergency and First Aid Procedures:

SKIN - Wash with soap and water.

INGESTION - If large amounts have been ingested give emetics to cause vomiting. Get medical attention.

INHALATION - Remove to fresh air immediately.

EYES - Immediately wash from eyes with large amount of water, occasionally lifting the upper and lower eye lids. Get medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: **Spills can create nuisance dust and housekeep ing problems. Vacuuming is best clean up procedure or can be picked up using a broom and shovel. Place in appropriate containers for disposal.**

Waste Disposal Method: **Land fill in accordance with local, state and federal regulations.**

Precautions to be Taken in Handling and Storing: **Keep tightly sealed to protect quality. Not recommended to be stored outdoors.**

Other Precautions: **Use adequate ventilation. Avoid breathing dust, prolong contact with skin and eyes.**

Section VIII - Control Measures

Respiratory Protection: **Use protective respiratory equipment under severe dust conditions.**

Ventilation: **Local Exhaust**

Protective Gloves: **Close weave cotton gloves.**

Eye Protection: **Safety Glasses**

Other Protective Clothing or Equipment: **None**

Work/Hygenic Practices: **Wash with soap and water after use.**

Section IX - Transport Information

| | |
|---------------------|---------------|
| DOT | Not regulated |
| ADR | Not regulated |
| RID | Not regulated |
| IATA-DGR | Not regulated |
| ICAO | Not regulated |
| Further Information | Not regulated |

HMIS (Hazardous Materials Identification System) for this product is as follows:

| | |
|----------------------|---|
| Health Hazard | <input type="radio"/> |
| Flammability: | <input type="radio"/> |
| Reactivity: | <input type="radio"/> |
| Personal Protection: | HMIS assigns choice of personal protective equipment to the customer, as the raw material supplier is unfamiliar with the condition of use. |

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