# MATERIAL SAFETY DATA SHEET

Silica Gel 100-200 Mesh

**SECTION 1 . Product and Company Idenfication**

Product Name and Synonym: Silica Gel 100-200 Mesh

Product Code: S1425

Material Uses:

Manufacturer: Science Stuff
1104 Newport Ave

Austin, TX 78753
(512) 837-6020

Entry Date : 6/18/2013

Print Date: 6/18/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

| | |
|---|---|
| Health: | 1 |
| Flammability: | 0 |
| Reactivity: | 0 |

**Hazard Rating:**
**Least 0 Slight 1 Moderate 2 High 3 Extreme 4**

**NA=Not Applicable NE=Not Established**

**SECTION 2 HAZARD IDENTIFICATION**

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

**SECTION 3 MIXTURE COMPONENTS**

| SARA 313 | Component | CAS Number | Percent Comp. | Dimension | Exposure Limits |
|---|---|---|---|---|---|
| ☐ | Silica Gel 100-200 Mesh | CAS# 1343-98-2 | 100% | W/W | TLV 6 mg/m*f* (total dust) |

**SECTION 4 FIRST AID MEASURES**

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

**SECTION 5 FIRE FIGHTING MEASURES**

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards: None Known.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices. Keep containers tightly closed.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

| | |
|---|---|
| Respiratory Protection: | None required |
| Ventilation | |
| | Local Exhaust ☐ |
| | Mechanical ☑ |
| Protective Gloves: | Wear appropriate gloves to prevent skin exposure |
| Eye Protection: | Safety Glasses w/ Side Shields |
| Other Protective Equipment: | Wear appropriate clothing to prevent skin exposure |

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

| | | | |
|---|---|---|---|
| Melting Point: | 1710°C | Percent Volatile by Volume: | <1 |
| Boiling Point: | 2230°C | Evaporation Rate | Not applicable |
| Vapor Pressure: | Not applicable | Evaporation Standard | |
| Vapor Density: | Not applicable | Auto Ignition Temp | Not applicable |
| Solubility in Water: | Insoluble | Lower Flamm. Limit in Air | Not applicable |
| Appearance /Odors: | Clear blue odorless crystals | Upper Flamm. Limit in Air | Not applicable |
| Flash Point: | Not flammable | | |
| Specific Gravity: | 2.2 - 2.6 | | |

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

| | |
|---|---|
| Stability: | Stable |
| Conditions to Avoid: | None known |
| Materials to Avoid: | Fluorides, Hydrochloric acid, strong oxidizers, vinyl acetate |
| Hazardous Decomposition Products: | Silicon Oxide |
| Hazardous polymerization: | Will Not Occur |
| Conditions to Avoid: | None known |

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

**SECTION 16 Additional Information**

Dust may cause irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Inhalation: Dust is irritating to the respiratory tract. Low hazard for industrial use. Target organs: None known. Chronic effects: None known.

Flammability

Health Reactivity

**NFPA**

**Revisions**

0.2

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