



Health	1
Fire	0
Reactivity	0
Personal Protection	E

# Material Safety Data Sheet

## SILICA GEL

### Section 1: Identification of the substance/preparation & company/undertaking

<u>Substance &amp; Preparation</u>	<u>Company/undertaking identification</u>
<b>Product name:</b> Silica Gel	<b>Identification:</b> Manufacturer & Supplier
<b>Appearance &amp; odorless:</b> Paper Cards	<b>SPLACK S/A.</b>
<b>Chemical Name:</b> Silica Gel, Silicon Dioxide	Av. Tegula, 888 – Atibaia – SP – 12952-820
<b>CAS No.:</b> 63231-67-4	Ph/Fax: (11)2119-1230/2119-1240
<b>Product Use:</b> Desiccant	Email: <a href="mailto:splack@splack.com">splack@splack.com</a>

### Section 2: Composition and Information on Ingredients

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

### Section 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.

### Section 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.

### Section 5: Fire-fighting Measures

<b>Flash Point, ° C:</b>	Not Applicable
<b>Auto ignition Temperature ° C:</b>	Not Determined
<b>Lower Explosive Limit, %:</b>	Not Determined
<b>Upper Explosive Limit, %:</b>	Not Determined
<b>Extinguishing Media:</b>	Use media appropriate for surrounding fire.
<b>Fire Fighting Procedures:</b>	Positive pressure, self-contained breathing apparatus.
<b>Fire and Explosion Hazards:</b>	Not a fire or explosion hazard.

### Section 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.

### Section 7: Handling and Storage

Keep container closed.  
Store in cool, dry location.  
Avoid Generating or breathing dust.  
Use only with adequate ventilation

### Section 8: Exposure controls/personal protection

<i>Ingredient</i>	<i>Weight % in Product</i>	<i>OSHA PEL:</i>	<i>ACGIH TLV:</i>
Silica Gel	99-100%	80 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**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

### Section 9: Physical and Chemical Properties

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

### Section 10: Stability and Reactivity Data

**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

### Section 11: Toxicological information

No toxicological data is available

### Section 12: Ecological information

No Data available

### Section 13: Disposal information

**US EPA Waste Number:** Not regulated

**Disposal of Waste Method:** Federal, state and local disposal laws will determine the proper waste disposal procedure

### Section 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.

### Section 15: Regulatory information

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

### Section 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.**