Material Safety Data Sheet

SILICA GEL

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

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

Section 2: Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight % in Product</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica Gel</td>
<td>99-100%</td>
<td>None</td>
</tr>
</tbody>
</table>

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

Flash Point, °C: Not Applicable
Auto ignition 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.
Fire and Explosion Hazards: 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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight % in Product</th>
<th>OSHA PEL:</th>
<th>ACGIH TLV:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica Gel</td>
<td>99-100%</td>
<td>80 mg/m³</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

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

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

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

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**Section 11: Toxicological information**

No toxicological data is available

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**Section 12: Ecological information**

No Data available

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**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

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**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.

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**Section 15: Regulatory information**

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

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**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.