

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name: Silica Gel  
Catalog No.: SIGPHP  
CAS registry No.: [112926-00-8]

#### 1.2 Supplier

Lab Alley LLC  
22111 Highway 71 West, Suite 601  
Spicewood, Texas 78669  
Tel.: 512-668-9918

#### 1.3 Emergency telephone number

Infotrac: 800-535-5053

### 2. HAZARDS IDENTIFICATION

#### 2.1 GHS Label elements, including precautionary statements

##### GHS pictogram



##### GHS signal word

Warning

##### GHS hazard statement(s)

*H315* Causes skin irritation  
*H319* Causes serious eye irritation  
*H335* May cause respiratory irritation

##### GHS precautionary statement(s)

*P261* Avoid breathing dust/fume/gas/mist/vapours/spray.  
*P305+P351+P338* IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Chemical Name: Silica Gel

CAS registry No.: [112926-00-8]  
Formula: SiO<sub>2</sub>  
Molecular Weight: 60.08  
*Concentration:* <=100%

#### **4. FIRST AID MEASURES**

##### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

##### **4.1 Description of first aid measures**

###### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

###### **In case of skin contact**

Wash off with soap and plenty of water.

###### **In case of eye contact**

Flush eyes with water as a precaution.

###### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

##### **4.2 Most important symptoms and effects, both acute and delayed**

No data available

##### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available

#### **5. FIREFIGHTING MESURES**

##### **5.1 Extinguishing media**

###### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

##### **5.2 Special hazards arising from the substance or mixture**

Carbon oxides

##### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

##### **5.4 Further information**

No data available

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, mist or gas.

### **6.2 Environmental precautions**

No special environmental precautions required.

### **6.3 Methods and materials for containment and cleaning up**

Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections**

No data available

## **7 HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

For precautions see section 2.2.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

### **7.3 Specific end use(s)**

No data available

## **8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Exposure controls**

#### **Appropriate engineering controls**

General industrial hygiene practice.

#### **Personal protective equipment**

##### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards.

##### **Skin protection**

Handle with gloves.

#### **Control of environmental exposure**

No special environmental precautions required.

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

a) Appearance Form: Solid

b) Odor	No data available
c) Odor Threshold	No data available
d) pH:	No data available
e) Melting point/freezing point range:	No data available
f) Initial boiling point and boiling range:	No data available
g) Flash point:	No data available
h) Evaporation rate:	No data available
i) Flammability:	No data available
j) Vapor density:	No data available
k) Water solubility:	No data available
l) Auto-ignition temperature:	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature:	No data available
r) Viscosity:	No data available
s) Explosive properties:	No data available
t) Oxidizing properties:	No data available

## **9.2 Other safety information**

No data available

## **10 STABILITY AND REACTIVITY**

### **10.1 Reactivity**

No data available

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

No data available

### **10.4 Conditions to avoid**

No data available

### **10.5 Incompatible materials**

Strong oxidizing agents

## **10.6 Hazardous decomposition products**

Other decomposition products - No data available

## **11 TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

No data available

#### **Skin corrosion/irritation**

No data available

#### **Serious eye damage/eye irritation**

No data available

#### **Respiratory or skin sensitization**

No data available

#### **Carcinogenicity**

No data available

#### **Reproductive toxicity**

No data available

#### **Specific target organ toxicity - single exposure**

No data available

#### **Specific target organ toxicity - repeated exposure**

No data available

#### **Aspiration hazard**

No data available

#### **Additional Information**

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## **12 ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

No data available

### **12.6 Other adverse effects**

No data available

## **13 DISPOSAL CONSIDERATIONS**

### **Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

### **Contaminated packaging**

Dispose of as unused product.

## **14 TRANSPORT INFORMATION**

**DOT (US):** No data available

**IMDG:** No data available

**IATA:** No data available

## **15 REGULATORY INFORMATION**

United States Regulatory Information: No data available

European Information: No data available

## **16 OTHER INFORMATION**

The above information is believed to be correct but does not claim to be all-inclusive and shall be used only as a guide for the safe handling, storage, and use of the substance. It is not a specification nor does it guarantee any specific properties. Lab Alley LLC. shall not be held liable for any loss, injury, or damage resulting from handling or from contact with the above product. See invoice or packing slip for additional terms and conditions of sale.