

## SAFETY DATA SHEET

### SECTION 1. COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Company Name: Lawrence Factor, Inc.  
Address: 4790 NW 157 Street, Miami Lakes, FL 33014  
Phone / Fax: 305-430-0550 / 305-430-0864

Chemical Name: Silica Gel (White or Clear) / Amorphous Silica  
Product Use: Desiccant

### SECTION 2. HAZARDS IDENTIFICATION

#### Potential Health Effects:

Inhalation: May cause dryness and irritation to mucous membranes, nose, and throat. Symptoms may include coughing, sore throat, and wheezing.

Ingestion: No adverse effects expected.

Skin Contact: May cause irritation with dryness and abrasion.

Eye Contact: May cause irritation, redness, and pain.

#### Potential Chronic Health Effects:

Repeated exposures may cause symptoms similar to those listed for acute effects. Synthetic amorphous silica does not produce silicosis.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient: Silica Gel ( $\text{SiO}_2 \cdot n\text{H}_2\text{O}$ )  
CAS No: 112926-00-8

### SECTION 4. FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Ingestion: Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical attention.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, get immediate medical attention.

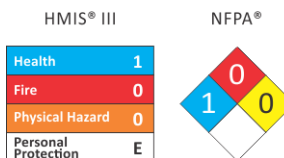
### SECTION 5. FIRE AND EXPLOSION DATA

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Fighting Media/Instructions: Use any means suitable for extinguishing surrounding fire.

Special Remarks: Use protective clothing and breathing equipment appropriate for surrounding fire.



**SECTION 6.**

**ACCIDENTAL RELEASE MEASURES**

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Use respiratory protection and eye protection.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Vacuuming or wet sweeping may be used to avoid dust dispersal. Use respiratory protection and eye protection.

**SECTION 7.**

**SAFE HANDLING AND STORAGE**

Storage: Keep container tightly closed; suitable for general chemical storage area. Containers of this material may be hazardous when empty since they retain product residues (dusts, solids); observe all warnings and precautions listed for the product.

**SECTION 8.**

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Suggested Personal Protection: Safety glasses, gloves, lab coat, and NIOSH approved dust respirator/mask.

**SECTION 9.**

**PHYSICAL AND CHEMICAL PROPERTIES**

Physical State .....	Solid Beads	Boiling Point .....	2230 C (4046 F)
Color .....	White, Translucent	Melting Point .....	1610 C (2930 F)
Odor .....	Odorless	Vapor Pressure ...	Not Applicable
Solubility.....	Insoluble	Vapor Density .....	Not Applicable
Specific Gravity...	2.1 (Water =1)	Evaporation Rate .....	Not Available
pH.....	3 - 8 (in 5% slurry)	% Volatiles by volume@ 21 C (70 F) .....	0

**SECTION 10.**

**STABILITY AND REACTIVITY DATA**

Chemical Stability: The product is stable.

Hazardous Decomposition Products: Oxides of carbon and silicon may be formed when heated.

Hazardous Polymerization: Will not occur.

Incompatibility with Powerful Oxides: Reacts with hydrogen fluoride, fluorine, oxygen difluoride, chlorine trifluoride, strong acids, strong bases, and oxidizers.

Conditions to Avoid: Moisture, extreme heat, and incompatibles.

**SECTION 11.**

**TOXICOLOGICAL INFORMATION**

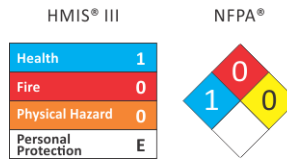
Routes of Entry: Absorbed through skin, eye contact, inhalation, and ingestion.

Toxicity to Animals:  
LD50 .....Not Available  
LC50 .....Not Available

**SECTION 12.**

**ECOLOGICAL INFORMATION**

Ecotoxicity: This material is not expected to be toxic to aquatic life.



**SECTION 13.**

**DISPOSAL CONSIDERATIONS**

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal regulations. Dispose of container and unused contents in accordance with local, state, and federal regulations.

**SECTION 14.**

**TRANSPORT INFORMATION**

DOT (Department of Transportation)

DOT Classification:

Not a DOT controlled material (USA).

Identification:

Not Applicable

**SECTION 15.**

**REGULATORY INFORMATION**

HMIS® (USA)

Health Hazard .....1

Fire Hazard .....0

Physical Hazard .. .....0

Personal Protection.....E

NFPA® (USA)

Health ..... 1

Flammability ..... 0

Reactivity ..... 0

Personal Protection: Safety glasses, gloves, and National Institute for Occupational Safety and Health (NIOSH) approved dust respirator/mask.

HMIS® and NFPA® ratings involve data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

- The information and recommendations set forth herein are believed to be accurate as of the date hereof. We make no warranty with respect thereto and disclaim all liability from reliance thereon.
- Container labeling-uses Hazardous Materials Identification System (HMIS®). Hazardous Index under this system rates degree of hazard from 0 to 4 in each category:
  - 0 = minimal hazard
  - 1 = slight hazard
  - 2 = moderate hazard
  - 3 = serious hazard

**SECTION 16.**

**OTHER INFORMATION**

**Product emergencies:**

If you have a product-related emergency, resulting in an accident such as a spill or release of product or human exposure and need assistance from Lawrence Factor, please contact the following number:

**LAWRENCE FACTOR, INC. 800-338-5493 or 305-430-0550**

General:

The data and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be accurate and are based on information which is considered reliable as of the date hereof. However, the customer should determine the suitability of such materials for his purpose before adopting them on a commercial scale. Since the use of our products by others is beyond our control, no guarantee, express or implied, is made and no responsibility assumed for the use of this material or the results to be obtained there from. Information on this form is furnished for the

HMIS® III		NFPA®	
Health	1	1	0
Fire	0	0	0
Physical Hazard	0		
Personal Protection	E		

purpose of compliance with Government Health and Safety Regulations and shall not be used for any other purposes. Moreover, the recommendations contained in this data sheet are not to be construed as a license to operate under, or a recommendation to infringe, any existing patents, nor should they be confused with state, municipal or insurance requirements, or with national safety codes.

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