

# MATERIAL SAFETY DATA SHEET

*Product Name:* Silica Gel  
*Catalog Number:* 80010  
*DOT Hazard Class:* Non-Hazardous  
*DOT Proper Shipping Name:* NA  
*UN/NA ID No.:* NA  
*MSDS Updated:* 9/2011

*Distributed By:* Ladd Research Industries  
83 Holly Court  
Williston, VT 05495  
(802) 658-4961

## HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Silica Gel	63231-67-4	100%	6 mg/m <sup>3</sup> OSHA TWA

## PHYSICAL AND CHEMICAL DATA

Description: Odorless, amorphous hygroscopic powder or granule.

## FIRE AND EXPLOSION DATA

Fire and Explosion Hazard: Negligible

Firefighting Media: Extinguish using agent suitable for type of surrounding fire.

## HEALTH HAZARD DATA

Inhalation: Exposure to high concentrations may cause drying of mucopus membranes, coughing and possible nosebleeds.

Skin Contact: No human data available.

Eye Contact: Particles may cause immediate irritation.

## EMERGENCY AND FIRST AID

Inhalation: Remove from exposure area to fresh air immediately.

Skin: Wash affected area with soap or mild detergent and large amounts of water.

Eye: Wash eyes immediately with large amounts of water or normal saline.

## REACTIVITY DATA

Reactivity: Stable under normal temperatures and pressures.

Incompatibilities: Fluorine, Hydrochloric Acid, Magnesium, Manganese Trifluoride, Manganese Trioxide, Strong Oxidizers, Oxygen Difluoride, Ozone, Vinyl Acetate and Xenon Hexafluoride.

Decomposition: At temperatures above 800°C, calcining may occur and amorphous silica may be converted to fibrogenic crystalline silica.

Polymerization: Will not occur.

## SPILL, DISPOSAL AND STORAGE INFORMATION

Occupational Spill: Residue should be cleaned up using a high-efficiency particulate filter.

Disposal: Observe all local, state and federal regulations.

Storage: Store away from incompatible substances.

## PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Ventilation: Local exhaust.

Respirator: Dust/Mist respirator usually sufficient.

Gloves: Latex gloves are sufficient to prevent exposure.

Eye Protection: Chemical splash goggles.

## SECTION 313 SUPPLIER NOTIFICATION

**Not Applicable.**



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