Material Safety Data Sheet  
Silicagel, functionalized, 2-Cyano

Section 1 - Hazards Identification

**EMERGENCY OVERVIEW**

Not available. Appearance: off-white solid.  
Not available.  
**Target Organs:** Lungs.

**Potential Health Effects**  
**Eye:** May cause eye irritation.  
**Skin:** May cause skin irritation. May be harmful if absorbed through the skin.  
**Ingestion:** May cause irritation of the digestive tract. May be harmful if swallowed.  
**Inhalation:** May cause respiratory tract irritation. May be harmful if inhaled.  
**Chronic:** Not available.

Section 2 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.  
**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
**Ingestion:** Get medical aid. Wash mouth out with water.  
**Inhalation:** Remove from exposure and move to fresh air immediately.  
**Notes to Physician:** Treat symptomatically and supportively.

Section 3 - Personal Protection

**Personal Protective Equipment**  
**Eyes:** Not available.  
**Skin:** Wear appropriate protective gloves to prevent skin exposure.  
**Clothing:** Wear appropriate protective clothing to prevent skin exposure.  
**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 4 - Physical and Chemical Properties

**Physical State:** Solid  
**Appearance:** off-white  
**Odor:** Not available.
**pH:** Not available.  
**Boiling Point:** Not available.  
**Freezing/Melting Point:** Not available.  
**Decomposition Temperature:** Not available.  
**Solubility:** Insoluble.

### Section 5 - Stability and Reactivity

**Chemical Stability:** Not available.  
**Conditions to Avoid:** Incompatible materials, moisture.  
**Incompatibilities with Other Materials:** Strong acids, strong bases.  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.  
**Hazardous Polymerization:** Has not been reported