

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION:			
Company Name: Tranzo-Pharm USA, LLC		Product Name: Indicator Silica Gel - Blue	
Street: 1301 Skippack Pike, Suite 7A, # 329		Date Prepared: April 1, 2009	
City, State, Zip Code: Blue Bell, PA 19422		Prepared by: Hugh Bowerman	
Phone: (610) 278-9751, Fax: (610) 278-9761		Emergency Number: (800) 262-8200	
II. COMPOSITION/INFORMATION:			
Material or Component: Description: Silica Gel (SiO ₂) 99% Cobalt Chloride 0.5%		Hazard Data: - Non Hazard: CAS# 7631-86-9 - Hazardous CAS# 7646-79-9	
III. PHYSICAL DATA			
Boiling point: N/A Vapor Pressure (mm Hg): N/A Vapor Density (AIR=1): N/A Water Solubility: Insoluble Appearance: Blue beads or granules. ph 4 - 8		Specific Gravity: N/A Melting Point: 1713 + 60C Evaporation Rate (Butyl Acetate=1): N/A Bulk Density (kg/m ³): 700 - 800g Odor: Odorless	
IV. FIRE AND EXPLOSION HAZARD DATA			
Flash Point: N/A	Flammable Limits: Non-flammable	LEL: N/A	UEL: N/A
Extinguishing Media: N/A			
Special Fire Fighting Procedures: N/A			
Unusual Fire & Explosion Hazards: N/A			
V. HEALTH HAZARD INFORMATION			
Routes of Exposure Inhalation: N/A Skin Absorption: No Hazard Skin Contact: No Hazard Eye Contact: No Hazard Ingestion: Believed to be no hazard			
Signs and Symptoms of Exposure: N/A			
Effects of Overexposure Acute Exposure: N/A			

Chronic Exposure: N/A	
Medical Conditions Aggravated by Exposure: N/A	
Emergency and First Aid Procedures Eyes: Flush w/water Inhalation: Remove to fresh air, get medical attention for any difficulty with breathing. Skin: Wash with soap and water. Ingestion: Administer plenty of water	
VI. REACTIVITY DATA	
Stability: Stable: X Unstable: N/A	Conditions to Avoid: N/A
Hazardous Polymerization: Will Occur: Will Not Occur: X	Conditions to Avoid: N/A
Hazardous Decomposition Products: N/A	
VII. SAFE HANDLING AND USE	
Spill Procedure: Sweep up	
Waste Disposal Method: Comply with local regulations for non-hazardous chemical disposal.	
VIII. SPECIAL PROTECTION AND CONTROL METHODS	
Respiratory: NIOSH approved dust mask when working with powder.	Ventilation: Natural ventilation
Protective Gloves: Working Gloves	Eye Protection: N/A
Other Protective Clothing or Equipment: N/A	
IX. TRANSPORTATION AND SHIPPING REQUIREMENTS	
D.O.T. Shipping Name: N/A D.O.T. Hazard Classification: non-hazardous D.O.T. Labels Required: None Hazardous Waste: None	
OTHER INFORMATION: The information presented herein has been compiled from sources considered to dependable and is accurate to the best of our knowledge. Since conditions of use are beyond our control, we take no warranties expressed or implied, except those that may be contained in a written contract of sale or acknowledgement.	