

Silica Gel Orange - Safety Data Sheet

Section 1 IDENTIFICATION

Product Name	Orange Indicating Silica Gel (Beaded or Granular)
Supplier Name	Tranzo-Pharm USA, LLC
Address	1301 Skippack Pike, Suite 7A, #329 Blue Bell, PA 19422
Telephone Number	(610) 278-9751
Fax Number	(610) 278-9761
Emergency Telephone Number	(610) 278-9751

Section 2 HAZARD IDENTIFICATION

Product Name	Orange Indicating Silica Gel (SiO ₂) - Non-hazardous
Model Number	1500D

Section 3 COMPOSITION/ INFORMATION - INGREDIENTS

Product Name	Silica Gel
Chemical Formula	SiO ₂ - Silicon Dioxide + Ferric Ammonium Sulfate indicator (NH ₄ Fe(SO ₄) ₂ < 2.0 %)
CAS #	7631-86-9 / 7783-87-7
Composition	98.0 % SiO ₂ + 2.0 % max NH ₄ Fe(SO ₄) ₂

Section 4 FIRST AID MEASURES

Inhalation	Move the person to fresh air immediately. For breathing difficulties oxygen may be required. If breathing stops, provide artificial respiration. Get medical attention if discomfort continues
Ingestion	Rinse mouth thoroughly, drink plenty of water. Get medical attention if symptoms appear
Skin Contact	Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation persists after washing
Eye Contact	Immediately flush with water for up to 15 minutes. Remove any contact lenses and open eyes wide. Continue for 15 minutes. Get medical attention if discomfort continues

Section 5 FIRE FIGHTING MEASURES

Extinguishing Media	The product is non-combustible. Use fire extinguishing media appropriate for surrounding materials
Protective Measures	Self contained breathing apparatus and full protective clothing should be worn in case of fire

Section 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear protective gloves and proper respiratory equipment. Avoid inhalation of dust
Spill Clean Up Method	Use Vacuum, shovel, or broom. Avoid formation of dust. Dampen spillage area with water if necessary. Comply with local disposal regulations after clean up.

Section 7 HANDLING and STORAGE	
Usage Precautions	Avoid spilling, making skin or eye contact, or dust inhalation. Do not eat, drink, or smoke when using product
Storage Precautions	Store in a tightly closed original container cool dry and well-ventilated place
Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
Protective Equipment	Gloves and proper respiratory equipment should be available to employees handling the product
Process Conditions	Provide eyewash station
Engineered Measures	Provide general and local exhaust ventilation
Respiratory Equipment	Proper respiratory equipment should be available to employees handling the product
Hand Protection	Gloves should be available to employees handling the product
Eye Protection	Safety glasses are recommended but not required
Hygiene Measures	Wash hands at the end of the work shift and prior to eating, drinking, or smoke breaks
Section 9 PHYSICAL and CHEMICAL PROPERTIES	
Appearance	Beads or granules,
Color	Orange - White
Odor	None detected
Solubility	Not soluble in water
pH	4.0 - 8.0
Decomposition Temperature	1700 C
Section 10 STABILITY and REACTIVITY	
Stability	Product is stable under normal temperature conditions and recommended use
Hazardous Polymerization	Will not polymerize
Conditions to Avoid	Water contact with product, steam, or water mixtures
Hazardous Decomposition Products	None
Section 11 TOXICOLOGICAL INFORMATION	
Toxic Dose 1 - LD50	> 5,000 mg/kg (oral rat)
Inhalation	Dust may irritate respiratory system or lungs. May have long term dust effects
Ingestion	May cause discomfort if swallowed
Skin Contact	May cause skin irritation
Eye Contact	May irritate the eyes
Section 12 ECOLOGICAL INFORMATION	
LC50, 96 Hours Fish mg/l	> 10,000
EC50, 48 hours, DAPHNIA mg/l	> 10,000
Mobility	not considered mobile
Degradability	This product is not biodegradable
Acute Fish Toxicity	Not toxic to fish
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Section 13 DISPOSAL CONSIDERATIONS	
General Information	The material and its container must be disposed of in compliance with local regulations
Section 14 TRANSPORT INFORMATION	
General	This product is not covered by international regulation on transport of dangerous goods (IMDG, IATA, ADR/RID)
Section 15 REGULATORY INFORMATION	
Labelling	Irritant to Skin and Eye
Risk Phrases	Not classified - NC
Safety Phrases	Do not breathe dust - S22 Avoid contact with skin - S24 Avoid contact with the eyes - S25
Section 16 OTHER INFORMATION	
The information presented herein has been compiled from sources considered to be 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 are contained in a written contract of sale or acknowledgement	
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Revision Dates	
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