



Safety Data Sheet

Organosilicon dioxide, silica gel in a polypropylene cartridge

Section 1. Identification

Product Identifier	Organosilicon dioxide, silica gel in a polypropylene cartridge		
Synonyms	ECUNIOGXF		
Manufacturer Stock Numbers	N/A		
Recommended use	N/A		
Uses advised against	N/A		
Manufacturer Contact			
Address	UCT Specialties, LLC 2731 Bartram Rd Bristol, PA, 19007 USA		
	Phone	Emergency Phone	Fax
	(215) 781-9255	(800) 424-9300 CHEMTREC	(215) 785-1226
	Email	Website	
	manastasio@unitedchem.com	www.unitedchem.com	

Section 2. Hazards Identification

Classification	N/A
Signal Word	Warning
Pictogram	
Hazard Statements	Causes eye irritation Causes skin irritation May cause respiratory irritation
Precautionary Statements	
Response	Call a poison center/doctor if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If swallowed: Rinse mouth. Do NOT induce vomiting.

Prevention N/A
 Storage N/A
 Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified
 No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
	Proprietary Bonded Silica	Unknown

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye Flush eyes with water for 15 minutes. Get medical attention if irritation persists.
 Skin Immediately flush skin with plenty of water and wash skin with soap for at least 15 minutes. If irritation persists get immediate medical attention.
 Ingestion Give one full cup of milk or water to dilute ingested material. Get medical attention.
 Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
 Comments If symptoms persist, get medical attention. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
 Not considered to be an explosive hazard
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
 Unsuitable Extinguishing Media N/A

Section 6. Accidental Release Measures

General Procedures	Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.
Special Protective Equipment	Wear appropriate personal protective equipment as specified in section 8.

Section 7. Handling and Storage

Handling	Keep in a tightly closed container, store in a cool, dry, ventilated area. When pouring into a container of flammable liquid, ground both containers electrically to prevent a static electric spark. Empty containers should be completely drained, properly sealed and promptly returned to a drum reconditioner, or properly disposed of.
Storage	Use with adequate ventilation. Use appropriate personal protective equipment. Wash thoroughly after handling.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Proprietary Bonded Silica	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves, Respirator			
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.			
Eye and Face	Use chemical goggles			
Skin	Use impervious gloves. Use impervious clothing as necessary to protect against skin contact			
Respiratory	Maintain adequate ventilation. Mechanical ventilation recommended. In case of exposure, use appropriate NIOSH approved respiratory protection.			
Work Hygienic Practices	General industrial hygiene practice			
Comments	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment, in accordance with the OSHA PPE Standard (29 CFR 1910.132), be conducted before using this product.			

Section 9. Physical and Chemical Properties

Physical State	Powder
Color	White
Odor	none
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Additional Information

All data is based on bonded silica gel. Bonded silica gels have not been completely tested for health effects. This product contains synthetic amorphous silica, not to be confused with crystalline silica such as quartz, cristobalite or tridymite or with diatomaceous earth or other naturally occurring forms of amorphous silica that frequently contain crystalline forms.

Section 10. Stability and Reactivity

Stability

(Under Normal Conditions) Stable under ordinary conditions of use and storage

Polymerization

Hazardous polymerization will not occur

Conditions to Avoid

Heat, moisture and incompatibles

Additional Information

Reacts with hydrogen fluoride, fluorine, oxygen difluoride, chlorine trifluoride, strong acids, strong bases and oxidizers

Section 11. Toxicological Information

Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP. OSHA: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.
Reproductive Effects	Not yet determined
Comments	To the best of our knowledge, the toxicological properties have not been thoroughly investigated. Although we are unaware of any health or environmental risks from this material, exposure should be minimized.
Additional Information	Acute Oral LD50: Powder, lyophilized Liquid, transparent brown colored liquid Inhalation LC50: Nasal and respiratory irritation Eye Effects: Not yet known Skin Effects: Powder, lyophilized Liquid, transparent brown colored liquid Chronic: None known Subchronic: None known

Section 12. Ecological Information

Environmental Data	When released into the soil, this material is not expected to biodegrade
Aquatic Toxicity	This material is not expected to be toxic to aquatic life
Additional Information	LC50/96-hr values for fish are over 100mg/l EC50/48-hour values for daphnia are over 100mg/l When released into soil, this material is expected to leach into groundwater. This material is not expected to significantly bioaccumulate

Section 13. Disposal

Method	Incinerate. Follow all federal, state and local regulations Follow all federal, state and local regulations
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Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A
Comments	Not regulated
Additional Information	Material is not a dangerous good for DOTm road and rail, air or vessel Material is not a dangerous good for Canadian transport

Section 15. Regulatory Information

TSCA	United States TSCA (toxic substance control act) TSCA Status: This product is TSCA exempt
Additional Information	Canada Domestic substance list: CAS# 71889-02-6 is listed on Canada's DSL list

Section 16. Other Information

Revision Date	1/28/2016
Manufacturer Disclaimer	The data in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.
Manufacturer Supplemental Notes	All technical data is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.
Statement	THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS SAFETY DATA SHEET HAVE BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND TO REPRESENT THE BEST OPINION ON THE SUBJECT AS OF THE DATE ON THIS SHEET. HOWEVER, NO WARRENTY, GUARENTEE OR REPRESENTATION, EXPRESSED OR IMPLIED, IS MADE BY UCT, INC. AS TO THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION OR TO THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.
Additional Information	HMIS Rating Health - 2 Flammability - 1 Physical Hazard - 1 NFPA Codes Health Hazard - 1 Flammable Hazard - 0 Reactive Hazard - 0