



# Safety Data Sheet

## C18 Modified Amorphous Silica- Endcapped

### Section 1. Identification

Product Identifier C18 Modified Amorphous Silica- Endcapped  
Synonyms N/A  
Manufacturer Stock Numbers N/A  
Product Cas 71889-02-6

Recommended use N/A  
Uses advised against N/A

Manufacturer Contact  
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CHEMTREC

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### Section 2. Hazards Identification

Classification N/A  
Signal Word Warning  
Pictogram



Hazard Statements	Causes eye irritation Causes mild skin irritation May cause respiratory irritation
Precautionary Statements	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Prevention	Wash face and hands thoroughly after handling.
Storage	Store in a dry place. Store in a closed container.
Disposal	Dispose of contents/container in accordance with local, state and federal regulations
General	If medical advice is needed, have product container or label at hand Read label before use
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	No Data Available

<b>Section 3. Ingredients</b>
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CAS	Ingredient Name	Weight %
71889-02-6	Modified Amorphous Silica	Unknown

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

<b>Section 4. First-Aid Measures</b>
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General	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area
Eye	Flush eyes with water for 15 minutes. Get medical attention if irritation persists.
Skin	Scrub with soap and water. Remove contaminated clothing and shoes.
Ingestion	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.

<b>Section 5. Fire Fighting Measures</b>
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Suitable Extinguishing Media	Not considered to be an explosive hazard Not considered to be a flammable hazard
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Water spray, foam, carbon dioxide, dry chemical  
 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

**Spill.** Evacuate spill area of non-essential personnel. Ventilate the spill area. Avoid breathing vapor. Wear appropriate personal protective equipment.

**Clean-up** Shovel spilled material into suitable container. Do not contaminate soil, groundwater or surface water.

**Special Protective Equipment** Wear appropriate personal protective equipment as specified in section 8.

## Section 7. Handling and Storage

**Handling** Store in a cool and dry place. Protect from moisture, maintain tightly closed container. Protect from heat, direct sunlight, and source of ignition. Store away from acidic and oxidizing materials. Provide adequate ventilation.

**Storage.** Store in a cool and dry place. Store in a tightly sealed container. Protect from heat, direct sunlight and source of ignition. Store away from acidic, alkaline and oxidizing materials. Provide adequate ventilation.

**Additional Information** H

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Modified Amorphous Silica	N/A	N/A	N/A
<b>Personal Protective Equipment</b>	Goggles, Gloves, Respirator			
<b>Engineering Controls</b>	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.			
<b>Eye and Face</b>	Use chemical goggles			
<b>Skin</b>	Use impervious gloves. Use impervious clothing as necessary to protect against skin contact			
<b>Respiratory</b>	Local exhaust required. Mechanical ventilation required. In case of exposure, use appropriate NIOSH approved respiratory protection			
<b>Work Hygienic Practices</b>	General industrial hygiene practice			
<b>Comments</b>	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	Solid
Color	White/Powder
Odor	N/A
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

**Physical State Comments** 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

**Incompatible Materials** Reacts with Hydrogen fluoride, fluorine, Oxygen difluoride, Chlorine trifluoride, strong acids, strong bases and oxidizers.

## Section 11. Toxicological Information

**Comments** No toxicity information available

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.

## 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

## Section 13. Disposal

Method	Incineration recommended. Follow all federal, state and local regulations
Empty Container	Containers of this material may be hazardous when empty since they retain product residues (liquids). Observe all warnings and precautions listed for this product.
Comments	<p>It is recommended that waste generators determine whether a discarded chemical is classified as a hazardous waste.</p> <p>Additionally, waste generators must consult with their waste broker and state and local hazardous waste regulations to insure complete and accurate classification.</p> <p>Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements.</p> <p>US EPA guidelines for classification determination are listed on 40CFR Parts 261.3</p>

## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Dangerous Goods
DOT Classification	N/A
Packing Group	N/A

## Section 15. Regulatory Information

TSCA	United States TSCA (Toxic Substance Control Act) Status: This product is listed on the TSCA inventory
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## Section 16. Other Information

Revision Date	3/3/2016
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  
Statement

All technical data is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

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