



# Safety Data Sheet

2101 Magnolia Ave. South,  
Suite 300  
Birmingham, AL 35205  
Email: info@sybertreatment.com  
Phone: 205-703-9838

## 1) Product Identification

**SyBer**

A nanotechnology

## 2) Hazards Identification

**GHS Signal Word:** None.

**GHS Hazard Statements:** The material is not hazardous under the criteria of the federal OSHA Hazard Communication Standard's (29 CFR 1910.1200) implementation of the Globally Harmonized System (GHS); i.e., material is not a dangerous substance or mixture requiring GHS classification according to the GHS regulations.

Health rating: 1—Slight

Flammability Rating: 0—None

Reactivity Rating: 0—None

Contact Rating: 2—Moderate—Lab Protective Equipment: Goggles, Lab Coat

Storage Color Code: Orange (General Storage)

## 3) Information on Ingredients

Component	CAS #	% by Weight
Trade Secret	-	-

## 4) First Aid Measures

**Inhalation:** Remove person to fresh air. If signs/ symptoms continue, get medical attention.

**Skin Contact:** Wash off with soap and water.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation develops or persists.

**Ingestion:** If accidentally swallowed, obtain immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

## 5) Fire and Explosion Data/Fire Fighting Measures

**Suitable Extinguishing Media:** Water spray, Carbon dioxide, foam, dry chemical.

**Unsuitable Extinguishing Media:** N / A

**Special Protective Actions for Firefighters:** Wear self-contained breathing apparatus and protective suit. Use NIOSH/MSHA approved respiratory protection.

## 6) Accidental Release Measures

**Personal Precautions:** For personal protection, see Section 8.

**Environmental Precautions:** If product is spilled on the ground there will be no issues. Except in areas where certain sodium intolerant plants of crops exist. SolO is high in sodium. If sodium intolerant plants are in the area, rinse the area with water and disperse the sodium to an acceptable level.

**Methods and Materials for Containment and Cleaning Up:** Product becomes slippery when it is wet. Shovel into suitable container for disposal. After cleaning, flush away traces with water. Prevent product from entering drains.

## 7) Handling and Storage

**Precautions for Safe Handling:** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for Safe Storage:** Keep container tightly closed, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible materials. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquids); observe all warnings and precautions listed for the product.

**Materials to Avoid:** Fluorine, aluminum, mineral acids, organic acids, organic materials.

## 8) Exposure Controls and Personal Protection

**Appropriate Engineering Controls:** Handle in accordance with good industrial hygiene and safety practice. General room ventilation is adequate. Respiratory protection is not required, while in liquid form if good ventilation is maintained.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

**Skin and Body Protection:** Maintain eye wash stations and safety showers in work area.

**Eye Protection:** Use chemical safety goggles and/or a full-face shield where splashing is possible.

## 9) Physical and Chemical Properties

Appearance: Odor:	Clear to gray. (can be pink, depending on formulation)
pH:	Odorless
Vapor Pressure:	13.0+
Vapor Density:	18 @ 20C (68F)
Density:	Not applicable.
Water Solubility:	1.16-1.3
Partition Coefficient n-octanol/water:	Complete (100%)
Evaporation Rate:	No data available
Freezing Point:	No information found
Volatiles by volume @ 21C:	Not applicable
Boiling Point:	ca. 65
Melting Point:	102C (216F)
	No information found.

## 10) Stability and Reactivity

**Stability:** Stable under normal conditions of use and storage.

**Hazardous Polymerization:** Does not occur.

**Conditions to Avoid:** Incompatibles.

**Materials to Avoid (Incompatibility):** Fluorine, aluminum, mineral acids, organic acids, organic materials. May produce hydrogen gas on prolonged contact with metals. Gels when mixed with acids.

**Hazardous Decomposition Products:** No information found.

## 11) Toxicological Information

Product is non-toxic. However, if ingested in large quantities problems may occur. Ingestion of SolO should be treated like a soap ingestion.

## 12) Ecological Information

Product will cause no ecological issues. Once dry, product will convert back to microscopic silicon particles.

## 13) Disposal Considerations

**Product:** Recycling, recovery, and reuse of material is recommended if permitted by regulations. If recycling is not practicable, dispose of in compliance with local regulations. Processing use or contamination of this product may change the waste management plan.

Dispose of container and unused contents in accordance with federal, state, and local requirements.

## 14) Transport Information

**Land Transport:** Not classified as dangerous in the meaning of transport regulations.

**Sea Transport:** Not classified as dangerous in the meaning of transport regulations.

**Air Transport:** Not classified as dangerous in the meaning of transport regulations.

## 15) Regulations

### SARA

SARA, Section 302—Extremely Hazardous Substances: No chemical in this material are subject to the reporting requirements of SARA, Title III, Section 302. None present.

SARA, Sections 311/312—Hazard Categories: None.

SARA, Section 313—Toxic Chemicals: This material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimus) reporting levels established by SARA, Title III, Section 313. None present.

**California Proposition 65:** This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Acrylamide, 79-06-1, <0.05%

## INVENTORY STATUS

**United States (USA):** All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

**Canada:** All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

**European Union (EU):** All components of this product are included on the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS.

**Australia:** This product's Australian Inventory of Chemical Substances (AICS) status has not been determined.

**China:** This product's Chinese Chemical Inventory status has not been determined.

**Japan:** This product's Japanese (ENCS) inventory status has not been determined.

**Korea:** This product's Korean (ECL) inventory status has not been determined.

**New Zealand:** This product's New Zealand Inventory of Chemical Substances (NZIoC) status has not been determined.

**Philippines:** This product's Philippine (PICCS) inventory status has not been determined.

**Taiwan:** This product's Taiwan Toxic Chemical Substances Control Act Inventory status has not been determined.

## 16) Other Information

### HMIS

Health—1  
Flammability—  
0 Reactivity—0  
Personal Protection—determined by user

### NFPA

Health—1  
Flammability—0  
Reactivity—0  
Special—NONE

Date Issued: May 22, 2017

Revision Date: March 17, 2018

SyBer Technologies, LLC shall not be responsible for the use of any information, product, method or apparatus herein presented ("Information"), and you must make your own determination as to its suitability and completeness for your own use, for the protection of the environment, and for health and safety purposes. You assume the entire risk of relying on this Information. In no event shall SyBer Technologies, LLC be responsible for damages of any nature whatsoever resulting from the use of this product or products, or reliance upon this Information. By providing this Information, SyBer Technologies, LLC neither can nor intends to control the method or manner by which you use, handle, store, or transport SyBer Technologies, LLC products. If any materials are mentioned that are not SyBer Technologies, LLC products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed.

SyBer Technologies, LLC makes no representations or warranties, either express or implied of merchantability, fitness for a particular purpose or of any other nature regarding this information, and nothing herein waives any of SyBer Technologies, LLC's conditions of sale. This information could include technical inaccuracies or typographical errors. SyBer Technologies, LLC may make improvements and/or changes in the product (s) and/or the program(s) described in this information at any time.