



# SAFETY DATA SHEET

## PLIOLITE S6H

Revision date 12-Sep-2022

Revision Number 3

### 1. Identification

#### Product identifier

**Product Name** PLIOLITE S6H

#### Other means of identification

**Synonyms** None

#### Recommended use of the chemical and restrictions on use

**Recommended Use** No information available

**Restrictions on use** No information available

#### Details of the supplier of the safety data sheet

<u>Supplier Address</u>	<u>E-mail address</u>
OMNOVA Solutions Inc., a Synthomer company 25435 Harvard Road Beachwood, OH 44122-6201 Telephone: +1 216-682-7000	SDS@OMNOVA.com

#### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300 Chemtrec international: +1 703 527 3887

### 2. Hazard(s) identification

#### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Combustible dust

#### Hazard statements

May form combustible dust concentrations in air

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** granules

**Physical state** Solid

**Odor** Odorless

#### Label elements

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

No information available

**Unknown acute toxicity**

- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. Composition/information on ingredients****Substance**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**4. First-aid measures****Description of first aid measures**

<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. Fire-fighting measures**

<b>Suitable Extinguishing Media</b>	Dry chemical, CO2 or water spray.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the</b>	No information available.

**chemical****Explosion data****Sensitivity to mechanical impact** None.**Sensitivity to static discharge** None.**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures****Personal precautions** Use personal protective equipment as required. Under dusty conditions, static electricity may cause an explosion. Dissipate static electricity. Remove all ignition sources.**Methods and material for containment and cleaning up****Methods for containment** Prevent dust cloud. Prevent further leakage or spillage if safe to do so.**Methods for cleaning up** Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Avoid generation of dust. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.**7. Handling and storage****Precautions for safe handling****Advice on safe handling** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Avoid generation of dust. Good housekeeping must be practiced during storage, transfer, handling, and use of this material to avoid excessive dust accumulation in the form of deposit. All equipment used when handling the product must be grounded.**Conditions for safe storage, including any incompatibilities****Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.**8. Exposure controls/personal protection****Control parameters****Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.**Appropriate engineering controls****Engineering controls** Showers  
Eyewash stations  
Ventilation systems.**Individual protection measures, such as personal protective equipment****Eye/face protection** Wear safety glasses with side shields (or goggles).**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Solid
<b>Appearance</b>	granules
<b>Color</b>	white
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>		Not Applicable
<b>Melting point / freezing point</b>		No information available
<b>Boiling point / boiling range</b>		No information available
<b>Flash point</b>		Not Applicable
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>		No information available
<b>Lower flammability or explosive limits</b>		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Relative density</b>		No information available
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	Aromatic hydrocarbons	
<b>Partition coefficient</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Kinematic viscosity</b>		No information available
<b>Dynamic viscosity</b>		No information available
<b>Explosive properties</b>	Not an explosive	No information available
No information available		

### Other information

<b>Explosion severity</b>		
<b>Danger of Explosion, cloud</b>	ST1	
<b>Minimum Ignition Energy (Cloud):</b>	200 - <300 mJ	
<b>KST, (cloud), bar.m.s-1</b>	56 bar.m.s-1	Not Applicable
<b>Pmax maximum explosion pressure, Cloud, bar</b>	5.9 bar	
<b>VMP, (cloud), bar.s-1</b>	206 bar.s-1	
<b>LOC Limiting Oxygen Concentration, Cloud, %v/v O2</b>		No information available
<b>Softening point</b>		No information available
<b>Molecular weight</b>		No information available
<b>Liquid Density</b>	1.04	
<b>Bulk density</b>		No information available
<b>Specific gravity</b>		No information available
<b>Granulometry</b>		No information available
<b>Moisture content</b>	1	%

## 10. Stability and reactivity

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	None under normal processing.
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous decomposition products</b>	Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	No known effects under normal use conditions.
<b>Eye contact</b>	No known effects under normal use conditions.
<b>Skin contact</b>	No known effects under normal use conditions.
<b>Ingestion</b>	No known effects under normal use conditions.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	No information available.
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### Acute toxicity

#### Numerical measures of toxicity

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Serious eye damage/eye irritation</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Respiratory or skin sensitization</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Germ cell mutagenicity</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Carcinogenicity</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Reproductive toxicity</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>STOT - single exposure</b>	No information or data specific to the product on this toxicological (health) effect is available.

<b>STOT - repeated exposure</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Target organ effects</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Aspiration hazard</b>	No information or data specific to the product on this toxicological (health) effect is available.

**12. Ecological information**

**Ecotoxicity**

<b>Unknown aquatic toxicity</b>	0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment
<b>Persistence and degradability</b>	NOT READILY BIODEGRADABLE.
<b>Bioaccumulation</b>	There is no data for this product.
<b>Bioconcentration factor (BCF)</b>	There is no data for this product
<b>Other adverse effects</b>	No information available.

**13. Disposal considerations**

**Waste treatment methods**

<b>Waste from residues/unused products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse empty containers.

**California Hazardous Waste Status** This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. Transport information**

<b><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated

**15. Regulatory information**

**International Inventories**

<b>TSCA</b>	Yes.
<b>DSL</b>	Yes

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

TSCA Section 12(b) - Chemical Export Notification: None Listed  
 TSCA Section 5(a)(2) – Final Significant New Use Rules: None Listed  
 TSCA Section 5(a)(2) - Proposed Significant New Use Rules: None Listed  
 TSCA Section 5(e) – New Chemical Exposure Limits (NCELS): None Listed

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
1,3-Butadiene - 106-99-0	Carcinogen Developmental Female Reproductive Male Reproductive

**U.S. State Right-to-Know Regulations**

**US State Regulations** This product does not contain any substances regulated by state right-to-know regulations

**16. Other information**

**Revision date** 12-Sep-2022

**Revision Note** SDS sections updated. 1.

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
 Ceiling Maximum limit value \* Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGl(s))  
Hazardous Substance Database  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
RTECS (Registry of Toxic Effects of Chemical Substances)

**Disclaimer**

**The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**