

# MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 4

PRODUCT NAME: PHT Silglow

MSDS NUMBER:

PRODUCT CODE:

MSDS DATE: 10/27/2006

KEY NUMBER:

EMERGENCY PHONE #'s: CHEMTREC (800) 424-9300

PHT Silglow

Britz-Simplot Grower Solutions, LLC.

P.O. Box 60011, Fresno, CA 93794

Prepared by Tim Brown

HEALTH

2

HazardousD<H

FIRE

1

Flash Point: Above 200°F, 93°C

REACTIVITY

0

Stable

SPECIFIC

-

## 1. IDENTIFICATION

☐ See Addendum:

Ref. PAGE:

Chemical Name:

Chemical Family: Heptamethyltrisiloxane

CAS #: NA

Chemical Formula: Mixture

CAS Name: NA

Molecular Weight: NA

Synonyms / Common Name: Silicone Surfactant

DOT Information: Not subject to DOT

## 2. PHYSICAL DATA

☐ See Addendum:

Ref. PAGE:

Appearance:

Color: Amber

State: Liquid

Odor Characteristics: None

pH: Not determined.

Viscosity: 30 cST

Specific Gravity (Water = 1): 1.031

Vapor Density (Air = 1): Not determined.

Vapor Pressure: Not determined.

Melting Point: Not determined.

Boiling Point: > 35C/95F

Flash Point: 212F/100C

Freezing Point: Not determined.

Percent Volatility: Not determined.

Evaporation Rate (BAC = 1): Not determined.

Solubility in Water: Not determined.

Solubility in Oil: Not determined.

Solubility in Acetone: Not determined.

## 3. INGREDIENTS

☐ See Addendum:

Ref. PAGE:

Material / Components

CAS #:

CAS Name

TLV Units

Approx. %

3-(3-Hydroxypropyl)-heptamethyltrisiloxane,  
ethoxylated acetate

125997-17-3

Polyethylene glycol monoallyl ether acetate

27252-87-5

Polyethylene glycol diacetate

27252-83-1

>60 %

15 - 40%

1 - 5%

## 4. FIRE AND EXPLOSION HAZARD DATA

☐ See Addendum:

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Flash Point: 212 F/100 C

Flammable Limits Lower Not determined  
in Air % by volume: Upper Not determined

Extinguishing Media: On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool.

Unusual Fire & Explosion Hazards: None.

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**5. HEALTH HAZARD DATA**

☐ **See Addendum:**

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**Threshold Limit Value:**

**Effects of Overexposure:**

**Inhalation:** Toxic by aerosol inhalation.

**Skin Contact:** No significant irritation expected from a single short-term exposure.

**Eye Contact:** Direct contact may cause severe irritation.

**Ingestion:** Low ingestion hazard in normal use.

**Delayed Effects:** Repeated or prolonged exposure may cause irritation on the skin.

**Medical Conditions Aggravated by Exposure** No known applicable information.

**6. FIRST AID MEASURES**

☐ **See Addendum:**

**PAGE #:**

**Inhalation:** Remove to fresh air. Get immediate medical attention.

**Skin Contact:** No first aid should be needed.

**Eye Contact:** Immediately flush with water for 15 minutes. Get medical attention.

**Ingestion:** No first aid should be needed.

**NOTES TO PHYSICIAN:** Treat according to person's condition and specifics of exposure.

**7. REACTIVITY DATA**

☐ **See Addendum:**

**PAGE #:**

**Stability:** Stable.

**Incompatibility:** Oxidizing material can cause a reaction.  
(materials to avoid)

**Hazardous Combustion or Decomposition Products** Not determined.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Conditions to Avoid:** None.

**8. SPILL OR LEAK PROCEDURES**

☐ **See Addendum:**

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**Actions to take for Leaks & Spills** Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 & 8.

**Waste Disposal Method:** Dispose of unrecoverable material in accordance with Federal, State, and Local regulations.

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**9. SPECIAL PROTECTION INFORMATION**

☐ **See Addendum:**

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**Respiratory Protection:** Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines.

**Eye Protection:** Use chemical worker's goggles.

**Skin Protection:** Washing at mealtime and end of shift is adequate.

**Other Clothing:** No special protection needed.

**Other Equipment:**

**Engineering Controls:** Local and general ventilation is recommended.

**10. HANDLING AND STORAGE**

☐ **See Addendum:**

**Ref. PAGE:**

**Special Precautions:** Use with adequate ventilation. Avoid eye contact. Do not breath mist. Keep container closed.

**Other Precautions:** Use reasonable care and store away from oxidizing materials.

**11. REGULATORY INFORMATION**

☐ **See Addendum:**

**Ref. PAGE:**

**Workplace Classification:** Warning

**12. TOXICOLOGICAL INFORMATION**

☐ **See Addendum:**

**Ref. PAGE:**

**Acute Data:** Oral toxicity L/D 50 > 2,000mg/kg

**Reproductive /  
Teratology Data** Not Known

**13. ECOLOGICAL INFORMATION**

☐ **See Addendum:**

**Ref. PAGE:**

**Fate in the Environment:** No specific information is available.

**14. DISPOSAL CONDITIONS**

☐ **See Addendum:**

**Ref. PAGE:**

**Procedures:** When a decision is made to discard this material, as received, is it classified as a hazardous waste? No. State or local laws may impose additional regulatory requirements regarding disposal.

**15. TRANSPORTATION INFORMATION**

☐ **See Addendum:**

**Ref. PAGE:**

**DOT Classification:** Not subject to DOT.

**Warning Labels:**

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**ADDENDUM for Section - 4. FIRE AND EXPLOSION HAZARD DATA - Ref. Pg. 1**

Fire Fighting Measures continued: Determine the need to evacuate or isolate the area according to your local emergency plan.

**ADDENDUM for Section -**

**ADDENDUM for Section -**