

**Issue Date** August 2008

**Revision Date** August 2013

**Version** 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** POWERHOUSE™ Super Hi-Foam Concentrate

### Other Means of Identification

**SDS #** 64000/SDS/I01

**Product Code** 64000

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Foam Car Wash.

### Details of the Supplier of the Safety Data Sheet

**Supplier Address** Certol International, LLC.  
6120 East 58th Avenue  
Commerce City, Colorado 80022  
[www.Certol.com](http://www.Certol.com)

### Emergency Telephone Number

#### **Company Phone Number(s)**

Phone: 303-799-9401  
Toll-Free: 1-800-843-3343  
Fax: 303-799-9408

#### **24 Hour Emergency Telephone**

INFOTRAC: 1-800-535-5053 (North America)  
INFOTRAC: 1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical does not meet the hazardous criteria set fourth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Appearance** Green Clear Liquid.

**Physical State** Liquid.

**Odor** Non-Specific.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

## 4. FIRST AID MEASURES

### First Aid Measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a physician or Poison Control Center immediately.

**Eye Contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists seek medical attention.

**Ingestion** Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Call a physician or Poison Control Center immediately.

**Skin Contact** Wash skin with flowing water or shower. If irritation persists, seek medical attention.

### Most Important Symptoms and Effects, both Acute and Delayed

**Symptoms** May cause mild skin and eye irritation.  
May cause nausea, vomiting and diarrhea if ingested.

### Indication of any Immediate Medical Attention and Special Treatment Needed

**Note to Physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use water, CO<sub>2</sub>, dry chemical or foam for extinction.

### **Unsuitable Extinguishing Media**

Not Determined.

### Specific Hazards Arising from the Chemical

None Known.

### Protective Equipment and Precautions for Firefighters

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 recommended in section 8.  
The wet, contaminated surface may be slippery.

#### **For Emergency Responders**

Restrict access to spill area. Ventilate the area.

#### **Environmental Precautions**

Prevent entry into waterways, sewers, basements or confined areas.  
See Section 12 for additional ecological information.

### Methods and Material for Containment and Cleaning Up

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Cleaning Up**

Absorb with inert material. Shovel or sweep spills. Flush remainder with plenty of water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### **Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice.  
Use personal protection recommended in Section 8.

**Keep out of the reach of children and pets.**

### Conditions for Safe Storage, Including any Incompatibilities

#### **Storage Conditions**

Keep container tightly closed and store in a dry, cool and well-ventilated place away from incompatible materials.

**Keep out of the reach of children and pets.**

#### **Incompatible Materials**

Strong acids and oxidizers.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Guidelines

No exposure limits noted for ingredient(s).

### Appropriate Engineering Controls

#### **Engineering Controls**

Eyewash stations.

### Individual Protection Measures, such as Personal Protective Equipment

#### **Eye/Face Protection**

Wear goggles, chemical safety glasses or a face protection shield.

#### **Skin and Body Protection**

Chemical resistant, impermeable gloves.  
No special clothing is required.

#### **Respiratory Protection**

Under normal conditions a respirator is not normally required.  
A mask or respirator may be used if vapor concentration is high.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid.
<b>Appearance</b>	Green Clear Liquid.
<b>Color</b>	Green.
<b>Odor</b>	Non-Specific.

<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
<b>pH</b>	7.5 - 8.0	68°F (20°C)
<b>Melting Point / Freezing Point</b>	< 32°F / < 0°C	(Approximate)
<b>Boiling Point / Boiling Range</b>	> 194°F / > 90°C	(Approximate)
<b>Flash Point</b>	Not Flammable.	
<b>Evaporation Rate</b>	< 1	(Butyl acetate = 1) (Approximate)
<b>Flammability (Solid/Gas)</b>	N/A-Liquid.	
<b>Flammability Limits In Air</b>	Not Flammable.	
<b>Vapor Pressure</b>	Not Determined.	
<b>Vapor Density</b>	> 1	(Air = 1) (Approximate)
<b>Specific Gravity</b>	1.012	68°F (20°C) (Water = 1)
<b>Water Solubility</b>	Completely Soluble.	
<b>Partition Coefficient</b>	Not Determined.	
<b>Autoignition Temperature</b>	Not Flammable.	
<b>Decomposition Temperature</b>	Not Determined.	
<b>Kinematic Viscosity</b>	Not Determined.	
<b>Dynamic Viscosity</b>	Not Determined.	
<b>Explosive Properties</b>	Not Explosive.	
<b>Oxidizing Properties</b>	Not Determined.	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization will not occur.

### Conditions to Avoid

Not reactive under normal conditions.

### Incompatible Materials

Strong acids and oxidizers.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye Contact</b>	Avoid contact with eyes.
<b>Ingestion</b>	Do not taste or swallow.

### Information on Physical, Chemical and Toxicological Effects

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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### STOT - Single Exposure

Not Determined.

### STOT - Repeated Exposure

Not Determined.

### Numerical Measures of Toxicity

Not Determined.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic organisms.

#### **Persistence and Degradability**

Not Determined.

#### **Bioaccumulation**

Not Determined.

#### **Mobility**

Not Determined.

#### **Other Adverse Effects**

Not Determined.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Dispose according to all local, state and federal regulations.

#### **Contaminated Packaging**

Dispose according to all local, state and federal regulations.

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not Regulated.

**IATA** Not Regulated.

**IMDG** Not Regulated.

## 15. REGULATORY INFORMATION

### International Inventories

Not Determined.

#### **Legend:**

***TSCA*** - United States Toxic Substances Control Act Section 8(b) Inventory  
***DSL/NDL*** - Canadian Domestic Substances List/Non-Domestic Substances List  
***EINECS/ELINCS*** - European Inventory of Existing Chemical Substances/  
European List of Notified Chemical Substances  
***ENCS*** - Japan Existing and New Chemical Substances  
***IECSC*** - China Inventory of Existing Chemical Substances  
***KECL*** - Korean Existing and Evaluated Chemical Substances  
***PICCS*** - Philippines Inventory of Chemicals and Chemical Substances

### US Federal Regulations

#### **SARA 302**

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 302.

#### **SARA 311/312**

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 311/312.

#### **SARA 313**

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

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

This product does not contain any substances regulated under applicable state right-to-know regulations.

**16. OTHER INFORMATION**

**NFPA**

<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazards</b> Not Determined.
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**HMIS**

<b>Health Hazards</b> Not Determined.	<b>Flammability</b> Not Determined.	<b>Physical Hazards</b> Not Determined.	<b>Personal Protection</b> Not Determined.
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**Revision Note** New format.

**Disclaimer**

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

End of Safety Data Sheet