

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

Product Name ProWash SCD™

**Other Means of Identification**

SDS # PWSCD/SDS/I02

Product Code PWSCD

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

Recommended Use Super Concentrate Cleaning Agent.

**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)  
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**

Causes Serious Eye Damage/Irritation	Category 2B
Skin Corrosion/Irritation	Category 2
Acute Toxicity Dermal	Category 4
Acute Toxicity Oral	Category 5

**Signal Word**

Warning.  
Causes eye irritation.  
Harmful if swallowed.  
Harmful in contact with skin.  
Causes skin irritation.

**Health Hazards:**

**GHS Label Element**

<b>Hazard Statements</b>	H320	Causes eye irritation.
	H302	Harmful if swallowed.
	H312	Harmful in contact with skin.
	H315	Causes skin irritation.
	<b>Precautionary Statements:</b>	
Prevention	P202	Do not handle until all safety precautions have been read and understood.
	P280	Wear protective gloves and eye protection.
Response	P314	Get medical advice/attention if you feel unwell.
	P370	In case of fire, use CO <sub>2</sub> , dry chemical or foam to extinguish.
Storage	P402	Store in a dry place.
	P403	Store in a well-ventilated place.
	P411	Do not store above 86°F (30°C).
Disposal	P501	Dispose according to all local, state and federal regulations.

**Hazard(s) not otherwise classified (HNOC):** Not determined.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Caprylamidopropyl Betaine	73772-46-0	*
Triethanolamine	102-71-6	*

\* The exact percentage is a trade secret.

### 4. FIRST AID MEASURES

<b><u>Inhalation</u></b>	Move to fresh air and keep at rest in a comfortable position for breathing. If not breathing, give artificial respiration. Consult a physician or Poison Control Center.
<b><u>Eye Contact</u></b>	Immediately flush with plenty of water. Remove any contact lenses, continue flushing for several minutes and call physician immediately.
<b><u>Ingestion</u></b>	Rinse mouth. Drink large amounts of water. Never give anything by mouth to a person who is unconscious or convulsing. Call a physician or Poison Control Center immediately.
<b><u>Skin Contact</u></b>	Wash off immediately with plenty of water for several minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: get medical advice/attention.
<b><u>Symptoms</u></b>	Skin contact can lead to drying, itching, stinging and irritation. Exposed individuals may experience eye tearing, redness and discomfort.
<b><u>Note to Physician</u></b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b><u>Suitable Extinguishing Media</u></b>	Use water, CO <sub>2</sub> , dry chemical or foam to extinguish.
<b><u>Unsuitable Extinguishing Media</u></b>	Not Determined.
<b><u>Specific Hazards Arising from the Chemical</u></b>	Not Flammable.
<b><u>Protective Equipment and Precautions for Firefighters</u></b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

<b><u>Personal Precautions, Protective Equipment and Emergency Procedures</u></b>	
<b>Personal Precautions</b>	Use personal protective equipment as required.
<b>For Emergency Responders</b>	Restrict access to spill area. Ventilate the area.
<b>Environmental Precautions</b>	Prevent entry into waterways, sewers, basements or confined areas.
<b><u>Methods and Material for Containment and Cleaning Up</u></b>	
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Flush small spills with water. Dike to collect large liquid spills.

### 7. HANDLING AND STORAGE

<b><u>Precautions for Safe Handling</u></b>	
<b>Advice on Safe Handling</b>	Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. May be harmful in contact with skin. Wear protective gloves. Do not eat, drink or smoke when using this product. Keep out of the reach of children and pets.
<b><u>Conditions for Safe Storage, Including any Incompatibilities</u></b>	
<b>Storage Conditions</b>	Keep container tightly closed and store in a dry, cool and well-ventilated place away from incompatible materials. Do not store above 86°F (30°C).
<b>Incompatible Materials</b>	Avoid contact with strong acids, oxidizers and alkalis.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Triethanolamine 102-71-6	TWA: 5 mg/m <sup>3</sup>	N/A	N/A

### Exposure Guidelines

#### Appropriate Engineering Controls

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

##### Eye/Face Protection

##### Skin and Body Protection

##### Respiratory Protection

##### General Hygiene Considerations

See above occupational exposure limits.

Eyewash stations.

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

Chemical resistant, non-latex and impermeable gloves.

Wear appropriate clothing to prevent repeated or prolonged skin contact.

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

Handle in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	Liquid.	Appearance	Pale Yellow Liquid.	Color	Pale Yellow.	Odor	Non-specific.
----------------	---------	------------	---------------------	-------	--------------	------	---------------

Property	Values	Property	Values
pH	8.0 - 9.0 (77°F / 25°C)	Specific Gravity	1.04 - 1.05 (60°F / 15.5°C)
Melting Point / Freezing Point	< 32°F / < 0°C	Water Solubility	Completely Soluble.
Boiling Point / Boiling Range	217°F / 102.7°C	Partition Coefficient	Not Determined.
Flash Point	Not Flammable.	Autoignition Temperature	Not Determined.
Evaporation Rate	< 1	Decomposition Temperature	Not Determined.
Flammability (Solid/Gas)	N/A-Liquid.	Kinematic Viscosity	Not Determined.
Flammability Limits In Air	Not Determined.	Dynamic Viscosity	Not Determined.
Vapor Pressure	Not Determined.	Explosive Properties	Not Explosive.
Vapor Density	> 1	Oxidizing Properties	Not Determined.

## 10. STABILITY AND REACTIVITY

### Reactivity

#### Chemical Stability

#### Possibility of Hazardous Reactions

#### Hazardous Polymerization

#### Conditions to Avoid

#### Incompatible Materials

#### Hazardous Decomposition Products

Not reactive under normal conditions.

Stable under recommended storage conditions.

None under normal processing.

Hazardous polymerization will not occur.

None under normal processing.

Avoid contact with strong acids, oxidizers and alkalis.

None known.

**11. TOXICOLOGICAL INFORMATION**

**Routes of Exposure**

Eye Contact. Skin Contact. Inhalation. Ingestion.

**Information on Likely Routes of Exposure**

**Inhalation**

Avoid breathing vapors or mists.

**Eye Contact**

Causes eye irritation.

**Skin Contact**

Causes mild skin irritation.

**Ingestion**

Do not taste or swallow.

**Component Information**

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Triethanolamine 102-71-6	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	N/A

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity**

The product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6	A4	Group 3	N/A	N/A

**ACGIH (The American Conference of Governmental Industrial Hygienists)**

A4 - Not Classifiable as a Human Carcinogen.

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Carcinogenic to Humans.

**Numerical Measures of Toxicity**

Not Determined.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Triethanolamine 102-71-6	Known Toxin	Known Toxin	No Information	Known Toxin

**Persistence and Degradability**

Not Determined.

**Bioaccumulation**

Not Determined.

**Mobility**

Chemical Name	Partition Coefficient
Triethanolamine 102-71-6	-1.00

**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.

Chemical Name	California Hazardous Waste Status
Borax 1303-96-4	Toxic

**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 Hazard Categories

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.

### US State Regulations

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X	N/A	X
Triethanolamine 102-71-6	X	X	X
Borax 1303-96-4	X	X	X

## 16. OTHER INFORMATION

### NFPA

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

### HMIS

<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
Not Determined.	Not Determined.	Not Determined.	Not Determined.

**Issue Date** March 2014.

**Revision Date** April 2017.

**Revision Note** New format.

### Disclaimer

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). 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