

**Issue Date** September 2012

**Revision Date** June 2013

**Version** 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** WW-40 Car Wash Powder

### Other Means of Identification

**SDS #** 30202/SDS/I01

### UN/ID No.

UN3253

### Product Code

30202

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

**Recommended Use** Car wash powder.

### 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

Acute Toxicity - Oral	Category 3
Acute Toxicity - Dermal	Category 5
Skin Corrosion	Category 1B
Serious Eye Damage	Category 1
Specific Target Organ Toxicity (Single Exposure)	Category 3

### Signal Word

Caution.

### Hazard Statements

Harmful if swallowed.  
May cause respiratory irritation.  
May cause skin burns and eye damage.

### Appearance

Moist White Powder.

### Physical State

Powder.

### Odor

Odorless.



### Precautionary Statements-Prevention

Wash face, hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Avoid breathing dust/fumes/gas/mist/vapors/spray.

### Precautionary Statements-Response

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Control Center or doctor/physician.

**IF SWALLOWED:** Immediately call a Poison Control Center or doctor/physician.  
Rinse mouth.

**IF IN EYES:** Rinse immediately with plenty of water, also under the eyelids, for 15 minutes.  
Remove contact lenses if present and rinse for an additional 15 minutes.  
Call a physician immediately.

### Precautionary Statements - Storage

Keep tightly closed in a dry, cool well ventilated place.

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

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
STPP Granular	7758-29-4	50 - 70%
Sodium Metasilicate	6834-92-0	10 - 30%

### 4. FIRST AID MEASURES

#### First Aid Measures

<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Call a physician immediately.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for 15 minutes. Remove contact lenses if present and rinse for an additional 15 minutes. Call a physician immediately.
<b>Ingestion</b>	Rinse mouth. DO NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a Poison Control Center or physician immediately.
<b>Skin Contact</b>	Wash off immediately with plenty of water. If skin irritation persists, call a physician.

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

<b>Symptoms</b>	Remove to fresh air. If not breathing, give artificial respiration. Call a physician immediately.
-----------------	---

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

<b>Note to Physicians</b>	Treat symptomatically.
---------------------------	------------------------

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable Extinguishing Media

Not Determined.

#### Specific Hazards Arising from the Chemical

Sodium Oxides, Silicon Oxides and Oxides of Phosphorous

#### 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 required.

#### **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**

Sweep, scoop or vacuum material and place in a closed container. Flush residue with water.

The wet contaminated surface may be slippery.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

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

Wash face, hands, and any exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid breathing vapors, mist or gas. Use only in well-ventilated areas.

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

### Conditions for Safe Storage, Including any Incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

Store in a closed, properly labeled container.

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

#### **Incompatible Materials**

Strong acids. Strong oxidizing agents. Lead. Tin/Tin Oxides. Zinc. Aluminum.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
STPP Granular 7758-29-4	15 mg/m <sup>3</sup> Total Dust	15 mg/m <sup>3</sup> Total Dust	NONE
Sodium Metasilicate 6834-92-0	2 mg/m <sup>3</sup> Total Dust	2 mg/m <sup>3</sup> Total Dust	NONE

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)

### Appropriate Engineering Controls

#### Engineering Controls

Apply technical measures to comply with the occupational exposure limits.  
Eyewash stations.

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

#### Eye/Face Protection

Wear goggles or chemical safety glasses. Face protection shield.

#### Respiratory Protection

Under normal conditions a respirator is not normally required.

#### Skin and Body Protection

Wear water-resistant gloves.  
Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### 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>	Moist Powder.
<b>Appearance</b>	Moist White Powder.
<b>Color</b>	White.
<b>Odor</b>	Odorless.
<b>Odor Threshold</b>	Not Determined.

<b>Property</b>	<b>Values</b>	<b>Remarks * Method</b>
<b>Solution pH (1% w/w)</b>	11.3 - 12.5	
<b>Melting Point / Freezing Point</b>	Not Determined.	
<b>Boiling Point / Boiling Range</b>	Not Determined.	
<b>Flash Point</b>	Not Determined.	
<b>Evaporation Rate</b>	< 1	(Butyl acetate = 1)
<b>Flammability (Solid/Gas)</b>	Not Determined.	
<b>Upper Flammability Limit</b>	Not Determined.	
<b>Lower Flammability Limit</b>	Not Determined.	
<b>Vapor Pressure</b>	Not Determined.	
<b>Vapor Density</b>	Not Determined.	(Air=1)
<b>Specific Gravity</b>	Not Determined.	@ 68°F (20°C)
<b>Water Solubility</b>	1% w/w.	
<b>Solubility in Other Solvents</b>	Not Determined.	
<b>Partition Coefficient</b>	Not Determined.	
<b>Autoignition Temperature</b>	Not Determined.	
<b>Decomposition Temperature</b>	Not Determined.	
<b>Kinematic Viscosity</b>	Not Determined.	
<b>Dynamic Viscosity</b>	Not Determined.	
<b>Explosive Properties</b>	Not Determined.	
<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

Not reactive under normal conditions.

### Hazardous Polymerization

Not reactive under normal conditions.

### Conditions to Avoid

Incompatible Materials.

### Incompatible Materials

Strong acids. Strong oxidizing agents. Lead. Tin/Tin oxides. Zinc. Aluminum.

### Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions:  
sodium oxides, silicon oxides and oxides of phosphorous.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Inhalation** Avoid breathing vapors or mists.

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Ingestion** Harmful if swallowed.

#### Component Information

Chemical Name	Oral LD <sub>50</sub>	Dermal	Inhalation LC <sub>50</sub>
STPP Granular 7758-29-4	2000 mg/kg ( Rat )	4640 mg/kg ( LD <sub>50</sub> Rabbit )	No Data Available
Sodium Metasilicate 6834-92-0	1153 mg/kg ( Rat )	250 mg/24 hr. ( Draize Test Rabbit )	No Data Available

### Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

## 11. TOXICOLOGICAL INFORMATION (continued)

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

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
STPP Granular 7758-29-4	N/A	Group 3	N/A	N/A
Sodium Metasilicate 6834-92-0	N/A	Group 3	N/A	N/A

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

Group 3 IARC components are "not classifiable as human carcinogens"

### STOT - Single Exposure

May cause respiratory irritation.

### 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
STPP Granular 7758-29-4	None Known	None Known	None Known	None Known
Sodium Metasilicate 6834-92-0	None Known	None Known	None Known	EC <sub>50</sub> Daphnia magna: 276.61 mg/L 48 hr.

**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.

#### **Steps to be Taken in Case Material is Released or Spilled**

Deny access to the area. Ventilate the area well. Large spills or leaks should be cleaned up and controlled. Flush surface with water. Prevent material from entering waterways.

## 14. TRANSPORT INFORMATION

### Note

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

<b><u>DOT</u></b>	UN/ID No	UN3253
	Proper Shipping Name	Disodium Trioxosilicate Mixture
	Hazard Class	8
	Packing Group	III
<b><u>IATA</u></b>	UN/ID No	UN3253
	Proper Shipping Name	Disodium Trioxosilicate Mixture
	Hazard Class	8
	Packing Group	III
<b><u>IMDG</u></b>	UN/ID No	UN3253
	Proper Shipping Name	Disodium Trioxosilicate Mixture
	Hazard Class	8
	Packing Group	III



## 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 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.

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

Acute health hazard.

### CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
STPP Granular 7758-29-4	5000 lb.	N/A	N/A	N/A

Chemical Name	Hazardous Substances RQs	CERCLA /SARA RQ	Reportable Quantity (RQ)
STPP Granular 7758-29-4	5000 lb.	5000 lb.	RQ 5000 lb. final RQ RQ 2270 kg final RQ

### US State Regulations

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
STPP Granular 7758-29-4	X	X	X
Sodium Metasilicate 6834-92-0	X	N/A	X

### California Prop. 65 Components

This product does not contain any chemicals known by the State of California to cause cancer, birth defects or any other reproductive harm.

## 16. OTHER INFORMATION

### NFPA

<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
2	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** September 2012

**Revision Date** June 2013

**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