

Issue Date: 17-Sep-2014

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** SmartWash SW-1A

### Other means of identification

**SDS #** WS-057

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

**Recommended Use** Cleaning agent.

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

#### **Supplier Address**

Whiting Systems, Inc.  
9000 Highway 5 North  
Alexander, AR 72002

### Emergency Telephone Number

**Company Phone Number** 1-800-542-9031  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear green

**Physical State** Liquid

**Odor** No detectable odor

### Classification

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 1 |

### Signal Word

**Danger**

### Hazard Statements

Causes skin irritation  
Causes serious eye damage



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a poison center or doctor/physician  
IF ON SKIN: Wash with plenty of soap and water  
Take off contaminated clothing and wash it before reuse  
If skin irritation occurs: Get medical advice/attention

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name     | CAS No      | Weight-% |
|-------------------|-------------|----------|
| Organic acid salt | Proprietary | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES****First Aid Measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediate medical attention is required. |
| <b>Skin Contact</b> | Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.                                 |
| <b>Inhalation</b>   | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.                          |
| <b>Ingestion</b>    | Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.         |

**Most important symptoms and effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | May cause irritation to the mucous membranes and upper respiratory tract. Exposed individuals may experience eye tearing, redness, and discomfort. Contact may cause irritation and redness. Will cause gastrointestinal tract irritation. |
|-----------------|--|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Water. Water spray (fog). Dry chemical. Chemical foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**Hazardous Combustion Products** Carbon oxides.

**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. Ventilate affected area.

**Environmental Precautions** 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. Soak up and contain spill with an absorbent material.

**Methods for Clean-Up** Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Use personal protection recommended in Section 8. Protect container from physical damage. Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children.

**Incompatible Materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** No exposure limits noted for ingredient(s) The following information is given as general guidance

### Appropriate engineering controls

**Engineering Controls** Maintain eye wash fountain and quick-drench facilities in work area.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Wear approved safety goggles.

**Skin and Body Protection** Neoprene, butyl or nitrile rubber gloves with cuffs. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory Protection** None required under normal use.

**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> | Liquid      | <b>Odor</b>           | No detectable odor |
| <b>Appearance</b>     | Clear green | <b>Odor Threshold</b> | Not determined     |
| <b>Color</b>          | Green       |                       |                    |

| <b><u>Property</u></b>              | <b><u>Values</u></b> | <b><u>Remarks • Method</u></b> |
|-------------------------------------|----------------------|--------------------------------|
| <b>pH</b>                           | Not determined       |                                |
| <b>Melting Point/Freezing Point</b> | Not determined       |                                |
| <b>Boiling Point/Boiling Range</b>  | 100 °C / 212 °F      |                                |
| <b>Flash Point</b>                  | Non-flammable        |                                |
| <b>Evaporation Rate</b>             | Not determined       |                                |
| <b>Flammability (Solid, Gas)</b>    | n/a-liquid           |                                |
| <b>Upper Flammability Limits</b>    | Not applicable       |                                |
| <b>Lower Flammability Limit</b>     | Not applicable       |                                |
| <b>Vapor Pressure</b>               | Not determined       |                                |
| <b>Vapor Density</b>                | Not determined       |                                |
| <b>Specific Gravity</b>             | Not determined       |                                |
| <b>Water Solubility</b>             | Completely soluble   |                                |
| <b>Solubility in other solvents</b> | Not determined       |                                |
| <b>Partition Coefficient</b>        | Not determined       |                                |
| <b>Auto-ignition 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**

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

**Conditions to Avoid**

Avoid all possible sources of ignition. Incompatible Materials.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

**Eye Contact**      Causes serious eye damage.

|                     |                                  |
|---------------------|----------------------------------|
| <b>Skin Contact</b> | Causes skin irritation.          |
| <b>Inhalation</b>   | Avoid breathing vapors or mists. |
| <b>Ingestion</b>    | Do not taste or swallow.         |

**Component Information**

| Chemical Name     | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|-------------------|----------------------|-------------|-----------------|
| Organic acid salt | = 1500 mg/kg ( Rat ) | -           | -               |

**Information on physical, chemical and toxicological effects**

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

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

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

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

**Component Information**

| Chemical Name     | Algae/aquatic plants | Fish   | Toxicity to microorganisms | Crustacea |
|-------------------|----------------------|--|----------------------------|-----------|
| Organic acid salt |                      | 6980 - 9784: 96 h<br>Brachydanio rerio mg/L<br>LC50 static |                            |           |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

**14. TRANSPORT INFORMATION**

|             |   |
|-------------|---|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated   |
| <b>IATA</b> | Not regulated   |
| <b>IMDG</b> | Not regulated   |

**15. REGULATORY INFORMATION**

**International Inventories**

Not determined

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - 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*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**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).

**SARA 311/312 Hazard Categories**

This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**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

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

| Chemical Name     | New Jersey | Massachusetts | Pennsylvania |
|-------------------|------------|---------------|--------------|
| Organic acid salt | X          |               |              |

**16. OTHER INFORMATION**

|                    |   |                                       |                                      |  |
|--------------------|---|---------------------------------------|--------------------------------------|--|
| <u><b>NFPA</b></u> | <b>Health Hazards</b><br>Not determined | <b>Flammability</b><br>Not determined | <b>Instability</b><br>Not determined | <b>Special Hazards</b><br>Not determined     |
| <u><b>HMIS</b></u> | <b>Health Hazards</b><br>2              | <b>Flammability</b><br>Not determined | <b>Physical Hazards</b><br>0         | <b>Personal Protection</b><br>Not determined |

**Issue Date:** 17-Sep-2014  
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**Revision Note:** New format

**Disclaimer**

The information provided in this 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.

**End of Safety Data Sheet**