

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** Laundry Neutralizer

### Other means of identification

**Product Code(s)** WA-LNEU

**UN-Number** UN1760

**Synonyms** Industrial

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

**Recommended Use** Industrial & Institutional Laundry Sour

**Uses advised against** No information available

### Supplier's details

#### **Supplier Address**

WATERMark Solutions  
3637 W. Roanoke, Ste. 8  
Phoenix, AZ 85009 - USA  
T (623) 326-7945

### Emergency telephone number

**Emergency Telephone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification


This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin Corrosion/Irritation         | Category 1 Subcategory 1B |
| Serious Eye Damage/Eye Irritation | Category 1                |

### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal Word** Danger  
**Hazard Statements**  
• Causes severe skin burns and eye damage



**Appearance** Creamy, Clear
**Physical State** Liquid.
**Odor** Sharp, Acidic

**Precautionary Statements**

**Prevention**

- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- Immediately call a POISON CENTER or doctor/physician

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Skin**

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse.

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Ingestion**

- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Storage**

- Store locked up

**Disposal**

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

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Synonyms**

Industrial

| Chemical Name   | CAS-No    | Weight % | Trade secret |
|-----------------|-----------|----------|--------------|
| Phosphoric acid | 7664-38-2 | 10-30    | *            |
| Citric acid     | 77-92-9   | 5-10     | *            |

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

**4. FIRST AID MEASURES**

**Description of necessary first-aid measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.                   |
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Seek immediate medical attention/advice.   |
| <b>Inhalation</b>   | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.   |
| <b>Ingestion</b>    | Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary |

**Most important symptoms/effects, acute and delayed****Most Important Symptoms/Effects** No information available.**Indication of immediate medical attention and special treatment needed, if necessary****Notes to Physician** Treat symptomatically.**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Carbon dioxide (CO<sub>2</sub>). Water spray. Dry chemical.**Unsuitable Extinguishing Media** None**Specific Hazards Arising from the Chemical**

No information available

**Explosion Data****Sensitivity to Mechanical Impact** None.**Sensitivity to Static Discharge** None**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** Ensure adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Use personal protective equipment.**Environmental Precautions****Environmental Precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.**Methods and materials for containment and cleaning up****Methods for Containment** Prevent further leakage or spillage if safe to do so.**Methods for Cleaning Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Dispose of promptly. Clean contaminated surface thoroughly.**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not take internally. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

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

**Incompatible Products** Strong bases. Strong oxidizing agents. Metals. Strong reducing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

| Chemical Name                | ACGIH TLV   | OSHA PEL  | NIOSH IDLH  |
|------------------------------|---|---|---|
| Phosphoric acid<br>7664-38-2 | STEL: 3 mg/m <sup>3</sup><br>TWA: 1 mg/m <sup>3</sup> | TWA: 1 mg/m <sup>3</sup><br>(vacated) TWA: 1 mg/m <sup>3</sup><br>(vacated) STEL: 3 mg/m <sup>3</sup> | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 1 mg/m <sup>3</sup><br>STEL: 3 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

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

**Eye/Face Protection** Chemical splash goggles.  
**Skin and Body Protection** Impervious clothing. Impervious gloves.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical State** Liquid  
**Odor** Sharp, Acidic  
**Appearance** Creamy Clear  
**Odor Threshold** No information available

| Property                    | Values             | Remarks/ - Method |
|-----------------------------|--------------------|-------------------|
| pH                          | < 2                | None known        |
| Melting Point/Range         | No data available  | None known        |
| Boiling Point/Boiling Range | No data available  | None known        |
| Flash Point                 | No data available  | None known        |
| Evaporation rate            | No data available  | None known        |
| Flammability (solid, gas)   | No data available  | None known        |
| Flammability Limits in Air  |                    |                   |
| upper flammability limit    | No data available  |                   |
| lower flammability limit    | No data available  |                   |
| Vapor Pressure              | No data available  | None known        |
| Vapor Density               | No data available  | None known        |
| Relative Density            | No data available  | None known        |
| Specific Gravity            | No data available. | None known        |

|   |                   |            |
|---|-------------------|------------|
| <b>Water Solubility</b>                       | Soluble in water. | None known |
| <b>Solubility in other solvents</b>           | Insoluble.        | None known |
| <b>Partition coefficient: n-octanol/water</b> | No data available | None known |
| <b>Autoignition Temperature</b>               | No data available | None known |
| <b>Decomposition Temperature</b>              | No data available | None known |
| <b>Viscosity</b>                              | No data available | None known |

**Flammable Properties** Not flammable

**Explosive Properties** No data available

**Oxidizing Properties** No data available

#### Other information

**VOC Content (%)** No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Incompatible products.

### Incompatible materials

Strong bases. Strong oxidizing agents. Metals. Strong reducing agents.

### Hazardous decomposition products

Phosphorous oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause irritation of respiratory tract. |
| <b>Eye Contact</b>  | Causes serious eye damage.                 |
| <b>Skin Contact</b> | Causes severe skin burns.                  |
| <b>Ingestion</b>    | May be harmful if swallowed.               |

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Sensitization** No information available.

|                                 |  |
|---------------------------------|--|
| <b>Mutagenic Effects</b>        | No information available.                      |
| <b>Carcinogenicity</b>          | Contains no ingredient listed as a carcinogen. |
| <b>Reproductive Toxicity</b>    | No information available.                      |
| <b>STOT - single exposure</b>   | No information available.                      |
| <b>STOT - repeated exposure</b> | No information available.                      |
| <b>Aspiration Hazard</b>        | No information available.                      |

**Numerical measures of toxicity - Product**

The following values are calculated based on chapter 3.1 of the GHS document:

|                    |                                      |
|--------------------|--------------------------------------|
| <b>LD50 Oral</b>   | 5717 mg/kg; Acute toxicity estimate  |
| <b>LD50 Dermal</b> | 12364 mg/kg; Acute toxicity estimate |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

| Chemical Name   | Toxicity to Algae | Toxicity to Fish                                       | Toxicity to Microorganisms | Daphnia Magna (Water Flea)               |
|-----------------|-------------------|--|----------------------------|--|
| Phosphoric acid |                   | LC50: 3 - 3.5 mg/L<br>Gambusia affinis 96 h            |                            | EC50 12 h: = 4.6 mg/L<br>(Daphnia magna) |
| Citric acid     |                   | LC50 96 h: = 1516 mg/L<br>static (Lepomis macrochirus) |                            | EC50 72 h: = 120 mg/L<br>(Daphnia magna) |

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

| Chemical Name | Log Pow |
|---------------|---------|
| Citric acid   | -1.72   |

**Other Adverse Effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with local regulations.

**Contaminated Packaging** Do not re-use empty containers.

| Chemical Name   | California Hazardous Waste |
|-----------------|----------------------------|
| Phosphoric acid | Corrosive                  |

## 14. TRANSPORT INFORMATION

**DOT**

|  |   |
|--|---|
| <b>UN-Number</b>                       | UN1760  |
| <b>Proper shipping name</b>            | Corrosive liquids, n.o.s.   |
| <b>Hazard Class</b>                    | 8   |
| <b>Packing Group</b>                   | II  |
| <b>Reportable Quantity (RQ)</b>        | Phosphoric acid: RQ kg= 10280.80  |
| <b>Description</b>                     | UN1760, Corrosive liquids, n.o.s. (Phosphoric acid, citric acid), 8, II, RQ |
| <b>Emergency Response Guide Number</b> | 154   |

**TDG**

|                             |  |
|-----------------------------|--|
| <b>UN-Number</b>            | UN1760   |
| <b>Proper Shipping Name</b> | Corrosive liquid, n.o.s.   |
| <b>Hazard Class</b>         | 8  |
| <b>Packing Group</b>        | II   |
| <b>Description</b>          | UN1760, Corrosive liquid, n.o.s. (Phosphoric acid, citric acid), 8, II |

**UN-Number** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**Description** UN1760, Corrosive liquid, n.o.s. (Phosphoric acid, citric acid), 8, II

**ICAO**

**UN-Number** UN1760  
**Proper shipping name** Corrosive liquid, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**Description** UN1760, Corrosive liquid, n.o.s., 8, II

**IATA**

**UN-Number** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**ERG Code** 8L  
**Description** UN1760, Corrosive liquid, n.o.s. (Phosphoric acid, citric acid), 8, II

**IMDG/IMO**

**UN-Number** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**EmS No.** F-A, S-B  
**Description** UN1760, Corrosive liquid, n.o.s. (Phosphoric acid, citric acid), 8, II

**UN-Number** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**Classification Code** C9  
**Description** UN1760, Corrosive liquid, n.o.s. (Phosphoric acid, citric acid), 8, II

**ADR**

**UN-Number** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**Classification Code** C9  
**Tunnel Restriction Code** (E)  
**Description** UN1760, Corrosive liquid, n.o.s. (Phosphoric acid, citric acid), 8, II, (E)  
**ADR/RID-Labels** 8

**Proper Shipping Name** Corrosive liquid, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**Classification Code** C9  
**Special Provisions** 274  
**Description** UN1760, Corrosive liquid, n.o.s. (Phosphoric acid, citric acid), 8, II  
**Limited Quantity** 1 L

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL** Complies

|               |            |
|---------------|------------|
| <b>EINECS</b> | Complies   |
| <b>IECSC</b>  | Complies - |
| <b>KECL</b>   | Complies   |
| <b>PICCS</b>  | Complies   |
| <b>AICS</b>   | Complies   |

**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 Commercial Chemical Substances/EU List of Notified 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

**U.S. Federal Regulations**

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.

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden Release of Pressure Hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name   | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-----------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Phosphoric acid | 5000 lb                     |                        |                           | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name   | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ   |
|-----------------|--------------------------|------------------------------------|--|
| Phosphoric acid | 5000 lb                  |                                    | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Citric acid     | -                        | -                                  | RQ Section number 180.950                  |

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

"X" designates that the ingredients are listed on the state right to know list.

| Chemical Name   | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|-----------------|------------|---------------|--------------|----------|--------------|
| Phosphoric acid | X          | X             | X            |          | X            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

| 16. OTHER INFORMATION |                  |                |                   |                                 |
|-----------------------|------------------|----------------|-------------------|---------------------------------|
| <b>NFPA</b>           | Health Hazard 3  | Flammability 0 | Instability 0     | Physical and Chemical Hazards - |
| <b>HMIS</b>           | Health Hazard 3* | Flammability 0 | Physical Hazard 0 | Personal Protection X           |



**Prepared By** Sky Blue Industries Inc.  
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**Revision Note** No information available.

**General Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**