



# SAFETY DATA SHEET

Issued Date: 3/26/2015

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Revision: D

## Section 1 : Chemical Product and Company Identification.

### 1.1 Product Identifier:

**Product Name:** Sunbrite Tile Grout & Bath Cleaner Concentrate

**Product Code:** 648007

**Synonyms:** Phosphoric Acid Solution

### 1.2 Relevant Identified Uses:

**Usage(s):** Cleaner, stain remover.

### 1.3 Supplier Info:

SANITARY MAINTENANCE & SUPPLY 8100 Hwy 64 E., Avon Park, FL 33825

### 1.4 Emergency Phone Info:

For emergency and medical help line, call INFOTRAC at (800) 535-5053, 24 hours a day, 7 days a week. For information on all our products and/or SDS please contact PRIDE customer service at 813-890-6557.

## Section 2 : Hazards Identification.

### 2.1 Classification of substance or mixture

- ➔ Serious Eye Damage/Eye Irritation - Category 1
- ➔ Skin Corrosion/Irritation - Category 1B

### 2.2 Labeling Elements



GHS05

**Physical Description:** Clear blue liquid with pleasant odor.

**Signal Word:** **Danger**

### Hazard Statements

#### Hazard

- ➔ H314 | Causes severe skin burns and eye damage
- ➔ H318 | Causes serious eye damage

#### Prevention

- ➔ P260 | Do not breathe dust/fume/gas/mist/vapours/spray.
- ➔ P264 | Wash exposed skin thoroughly after handling.
- ➔ P280 | Wear the following items: gloves, clothing, eye protection, and/or face protection where appropriate. See section 8 of SDS for details.

#### Response

- ➔ P301 + P330 + P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- ➔ P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- ➔ P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- ➔ P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- ➔ P310 | Immediately call a poison control center or doctor for emergency medical advice.
- ➔ P321 | Specific treatment required, see section 4 on the SDS.
- ➔ P363 | Wash contaminated clothing before reuse.

#### Storage

- ➔ P405 | Store locked up.

#### Disposal

- ➔ P501 | Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3 Other Hazards:

None

## Section 3 : Composition/Information On Ingredients.

### 3.1 Substances

**Common Names:** Phosphoric acid solution.

| Ingredient Name | CAS       | Percent |
|-----------------|-----------|---------|
| Water           | 7732-18-5 | < 70 %  |
| Phosphoric Acid | 7664-38-2 | < 30 %  |

## Section 4 : First Aid Measures.

### 4.1 Description of First Aid Measures:

**Inhalation:** If affected, remove individual to fresh air. If breathing has not returned to normal within a few minutes, seek medical attention.

**Eyes:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If irritation persists, consult a physician.

**Skin:** Flush skin with running water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. If symptoms persist, seek medical attention.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

**Inhalation:** Causes respiratory tract irritation when misted or heated to high temperatures.

**Eyes:** Causes severe irritation, pain and burns with eye damage.

**Skin:** Causes severe irritation, pain and skin burns.

**Ingestion:** Causes irritation or burns of digestive tract.

### 4.3 Special Treatment Needs:

**Special Needs:** No chronic health information found.

## Section 5 : Fire Fighting Measures.

### 5.1 Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

### 5.2 Specific Hazards Arising from the Chemical:

At high temperature, fumes may occur giving off a strong corrosive gas.

### 5.3 Special Protective Actions for Fire-Fighters:

Cool fire-exposed containers with water spray to prevent container weakening.

## Section 6 : Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

### 6.2 Environmental Precautions:

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

## 6.3 Methods and Materials for Containment and Cleaning Up:

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Mixing with water releases heat which can result in violent boiling and spattering. Always add slowly and in small amounts. Never use hot water.

## Section 7 : Handling And Storage

### 7.1 Precautions For Safe Handling:

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Addition to water releases heat which can result in violent boiling and spattering. Always add slowly and in small amounts. Never use hot water.

**Hygiene Advice:** DO NOT eat, drink, or smoke around chemical.

### 7.2 Conditions For Safe Storage:

Store in a cool dry ventilated area.

## Section 8 : Exposure Controls And Personal Protection

### 8.1 Control Parameters:

| Ingredient Name | CAS       | OSHA                     | ACGIH                         |
|-----------------|-----------|--------------------------|-------------------------------|
| Water           | 7732-18-5 | Not Established          | Not Established               |
| Phosphoric Acid | 7664-38-2 | PEL: 1 Mg/m <sup>3</sup> | STEL-TLV: 3 Mg/m <sup>3</sup> |

### 8.2 Engineering Controls:

General mechanical ventilation to prevent TLV from exceeding control limits.

### 8.3 Protection Measures:

- **Individual Protection Measures:** Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier.
- **Hygiene Measures:** Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking or using the lavatory and at the end of the workday.
- **Eye/face Protection:** Wear tightly fitting protective goggles.
- **Hand Protection:** Wear gloves recommended by glove supplier for protection against materials in section 3. Gloves must be inspected prior to use. Gloves should be impermeable to chemicals and oil. Breakthrough time of selected gloves must be greater than the intended use period. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.
- **Other Protective Equipment:** Wear impervious, protective chemical resistant clothing including lab coat, apron or coveralls as appropriate to the situation to prevent skin contact.
- **Environmental Exposure Controls:** Do not empty into drains.
- **Work practices:** Eye wash fountain and safety shower should be easily accessible. Provide ventilation.

## Section 9 : Physical And Chemical Properties

### 9.1: Information on Basic Physical and Chemical Properties

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Appearance:                             | Clear-blue liquid                          |
| Odor:                                   | Mild soap                                  |
| OdorThreshold:                          | Not Available                              |
| PH:                                     | .5 - 1.5 @ 10% Solution                    |
| Melting_FreezingPoint:                  | -112 Degrees F / -80 Degrees C             |
| InitialBoilingPoint:                    | 232 Degrees F/ 111 Degrees C @ 760.00 mmHg |
| FlashPoint:                             | Does not flash                             |
| EvaporationPoint:                       | (>) 1 Ethyl Ether                          |
| Flammability_Solid_Gas:                 | Not Determined                             |
| LowerExplosiveLimit:                    | Not Determined                             |
| UpperExplosiveLimit:                    | Not Determined                             |
| VaporPressure:                          | 15.00 mmHg @ 104 Degrees F / 40 Degrees C  |
| VaporDensity:                           | Not Determined                             |
| RelativeDensity:                        | Not Determined                             |
| Solubility:                             | Completely miscible                        |
| Partition Coefficient: n-octanol/water: | Not Determined                             |
| AutoIgnitionTemp:                       | Not Determined                             |
| DecompositionTemp:                      | Not Determined                             |
| Viscosity:                              | < 10                                       |

## Section 10 : Stability And Reactivity

### 10.1 Reactivity:

None

### 10.2 Chemical Stability:

Stable

### 10.3 Possibility of Hazardous Reactions:

Polymerization will not occur.

### 10.4 Conditions to Avoid:

Excessive heat, exposure to moisture.

### 10.5 Incompatible Materials:

Strong alkalis and oxidizers. Avoid contact with aluminum, brass, soft metals.

### 10.6 Hazardous Decomposition Position:

Thermal decomposition may yield phosphorus.

## Section 11 : Toxicological Information

No further information is available on this product at this time.

## Section 12 : Ecological Information

No further information is available on this product at this time.

## Section 13 : Disposal Considerations

Collect and add slowly to large volume of agitated solution of soda ash and slaked lime. Add neutralized solution to excess running water in accordance with applicable regulations.

## Section 14 : Transport Information

**Proper DOT Shipping Name & Number**

UN3264, Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, III (Phosphoric Acid)

**Section 15 : Regulatory Information**

TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA inventory.

**Section 16 : Other Information**

## Hazardous Material Information System (HMIS)

| HEALTH | FLAMMABILITY | REACTIVITY | PERSONAL PROTECTION |
|--------|--------------|------------|---------------------|
| 2      | 0            | 0          | C                   |

**Release Notes:** Take off exclamation pictogram on SDS.

Prepared By: Regulatory Department; GL, DL

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For additional information, contact us.

**Disclaimer:**

Information contained in this SDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Manufacturer or Vendor in connection with the use of this information.