

# SAFETY DATA SHEET

21-Apr-2017

## 1. IDENTIFICATION

### Product identifier

**Product Name** Pool Time 3-IN-1 Surface Solution

### Other means of identification

**Product Code** 23703PTM  
**UN/ID no.** UN1760

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

**Recommended Use** Swimming Pool Product.  
**Uses advised against** Do not mix with other chemicals

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

#### **Supplier Address**

Recreational Water Products, Inc.  
PO Box 1449  
Buford, GA 30515-1449  
Telephone: (800) 252-7665

### Emergency telephone number

**Emergency Telephone** Chemtrec (Transportation) 1-800-424-9300, 703-527-3887  
Poison Control Center (Medical) : (877) 800-5553

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

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

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Skin sensitization                | Category 1 |
| Corrosive to metals               | Category 1 |

### Label elements

#### Emergency Overview

#### **Danger**

#### **Hazard statements**

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
May be corrosive to metals



|                                 |                              |                                      |
|---------------------------------|------------------------------|--------------------------------------|
| <b>Color</b> clear light yellow | <b>Physical state</b> liquid | <b>Odor</b> No information available |
|---------------------------------|------------------------------|--------------------------------------|

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Keep only in original container.

**Precautionary Statements - Response**

Specific treatment (see back panel on this label)

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 before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store in original plastic container.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

10.5% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture**

| Chemical Name                         | CAS No.    | Weight-% |
|---------------------------------------|------------|----------|
| etidronic acid                        | 2809-21-4  | 10 - 30  |
| 2-Butenedioic acid (2Z)-, homopolymer | 26099-09-2 | 10 - 30  |

### 4. FIRST AID MEASURES

**Description of 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. If symptoms persist, call a physician. |
| <b>Skin contact</b>                       | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.   |
| <b>Inhalation</b>                         | Remove to fresh air. If symptoms persist, call a physician.   |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Drink plenty of water. Call a physician.  |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.  |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

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

**Note to physicians** May cause sensitization in susceptible persons. 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** None known.

### **Specific hazards arising from the chemical**

In the event of fire and/or explosion do not breathe fumes. May cause sensitization in susceptible persons. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

#### **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** Use personal protective equipment as required. Avoid contact with eyes and skin.

### **Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. 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** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

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

**Storage Conditions** Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible materials** Incompatible with oxidizing agents. Do not mix with other swimming pool/spa chemicals in their concentrated forms.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Controls**                      Showers  
    Eyewash stations  
    Ventilation systems.

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

**Eye/face protection**                      Wear safety glasses with side shields (or goggles).

**Skin and body protection**                Wear protective gloves and protective clothing.

**Respiratory protection**                    If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**        When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                     |                       |                          |
|-----------------------|---------------------|-----------------------|--------------------------|
| <b>Physical state</b> | liquid              | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | aqueous solution    | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | clear, light yellow |                       |                          |

| <u>Property</u>                      | <u>Values</u>                  | <u>Remarks • Method</u> |
|--------------------------------------|--------------------------------|-------------------------|
| <b>pH</b>                            | <3                             |                         |
| <b>Melting point/freezing point</b>  | No information available       |                         |
| <b>Boiling point / boiling range</b> | No information available       |                         |
| <b>Flash point</b>                   | No information available       |                         |
| <b>Evaporation rate</b>              | No information available       |                         |
| <b>Flammability (solid, gas)</b>     | No information available       |                         |
| <b>Flammability Limit in Air</b>     |                                |                         |
| <b>Upper flammability limit:</b>     | No information available       |                         |
| <b>Lower flammability limit:</b>     | No information available       |                         |
| <b>Vapor pressure</b>                | No information available       |                         |
| <b>Vapor density</b>                 | No information available       |                         |
| <b>Specific Gravity</b>              | No information available       |                         |
| <b>Water solubility</b>              | Completely miscible with water |                         |
| <b>Solubility in other solvents</b>  | No information available       |                         |
| <b>Partition coefficient</b>         | No information available       |                         |
| <b>Autoignition temperature</b>      | No information available       |                         |
| <b>Decomposition temperature</b>     | No information available       |                         |
| <b>Kinematic viscosity</b>           | No information available       |                         |
| <b>Dynamic viscosity</b>             | No information available       |                         |
| <b>Density</b>                       | 9.08 lbs/gal                   | lb/gal                  |
| <b>Bulk density</b>                  | No information available       |                         |
| <b>Explosive properties</b>          | No information available       |                         |
| <b>Oxidizing properties</b>          | Not applicable                 |                         |

**Other Information**

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC Content (%)</b>  | No information 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**

Extremes of temperature and direct sunlight. Do not mix with other chemicals.

**Incompatible materials**

Incompatible with oxidizing agents. Do not mix with other swimming pool/spa chemicals in their concentrated forms.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation of respiratory tract.          |
| <b>Eye contact</b>  | Moderately irritating to the eyes. May cause burns. |
| <b>Skin contact</b> | May cause irritation.                               |
| <b>Ingestion</b>    | May be harmful if swallowed.                        |

| Chemical Name               | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|-----------------------------|----------------------|-------------------------|-----------------|
| etidronic acid<br>2809-21-4 | = 2400 mg/kg ( Rat ) | > 7940 mg/kg ( Rabbit ) | -               |

**Information on toxicological effects**

**Symptoms** No information available.

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

|                                 |   |
|---------------------------------|---|
| <b>Sensitization</b>            | No information available.   |
| <b>Germ cell mutagenicity</b>   | No information available.   |
| <b>Carcinogenicity</b>          | No information available.   |
| <b>Reproductive toxicity</b>    | No information available.   |
| <b>STOT - single exposure</b>   | No information available.   |
| <b>STOT - repeated exposure</b> | No information available.   |
| <b>Chronic toxicity</b>         | Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. |
| <b>Aspiration hazard</b>        | No information available.   |

**Numerical measures of toxicity - Product Information**

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

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

10.5% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name               | Algae/aquatic plants | Fish   | Crustacea                            |
|-----------------------------|----------------------|--|--------------------------------------|
| etidronic acid<br>2809-21-4 | -                    | 868: 96 h Lepomis macrochirus<br>mg/L LC50 static 360: 96 h<br>Oncorhynchus mykiss mg/L LC50<br>static | 527: 48 h Daphnia magna mg/L<br>EC50 |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

| Chemical Name               | Partition coefficient |
|-----------------------------|-----------------------|
| etidronic acid<br>2809-21-4 | 3.49                  |

**Other adverse effects**

No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container. Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal.

### 14. TRANSPORT INFORMATION

**Note:**

Limited quantity (LQ) exception is possible

**DOT**

|  |   |
|--|---|
| <b>UN/ID no.</b>                       | UN1760  |
| <b>Proper shipping name</b>            | Corrosive liquids, n.o.s. (Contains etidronic acid and polymaleic acid)                 |
| <b>Hazard Class</b>                    | 8   |
| <b>Packing Group</b>                   | III   |
| <b>Description</b>                     | UN1760, Corrosive liquids, n.o.s. (Contains etidronic acid and polymaleic acid), 8, III |
| <b>Emergency Response Guide Number</b> | 154   |

**TDG**

|                             |  |
|-----------------------------|--|
| <b>UN/ID no.</b>            | UN1760   |
| <b>Proper shipping name</b> | Corrosive liquid, n.o.s. (Contains etidronic acid and polymaleic acid)                 |
| <b>Hazard Class</b>         | 8  |
| <b>Packing Group</b>        | III  |
| <b>Description</b>          | UN1760, Corrosive liquid, n.o.s. (Contains etidronic acid and polymaleic acid), 8, III |

**IATA**

|                             |  |
|-----------------------------|--|
| <b>UN/ID no.</b>            | UN1760   |
| <b>Proper shipping name</b> | Corrosive liquid, n.o.s. (Contains etidronic acid and polymaleic acid)                 |
| <b>Hazard Class</b>         | 8  |
| <b>Packing Group</b>        | III  |
| <b>Description</b>          | UN1760, Corrosive liquid, n.o.s. (Contains etidronic acid and polymaleic acid), 8, III |

**IMDG**

|                             |  |
|-----------------------------|--|
| <b>UN/ID no.</b>            | UN1760   |
| <b>Proper shipping name</b> | Corrosive liquid, n.o.s. (Contains etidronic acid and polymaleic acid) |
| <b>Hazard Class</b>         | 8  |
| <b>Packing Group</b>        | III  |
| <b>EmS-No.</b>              | F-A, S-B   |

**Description** UN1760, Corrosive liquid, n.o.s. (Contains etidronic acid and polymaleic acid), 8, III  
**Marine pollutant** No

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**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

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (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)

**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)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** This product does not contain any substances regulated as pesticides

**Difference between SDS and CPSC label**

This product is regulated under Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act (16 CFR Part 1500) . These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace product labels.

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|                    |                         |                       |                           |   |
|--------------------|-------------------------|-----------------------|---------------------------|---|
| <b><u>NFPA</u></b> | <b>Health hazards 2</b> | <b>Flammability 0</b> | <b>Instability 0</b>      | <b>Physical and Chemical Properties -</b> |
| <b><u>HMIS</u></b> | <b>Health hazards 2</b> | <b>Flammability 0</b> | <b>Physical hazards 0</b> | <b>Personal protection X</b>              |

**Prepared By** Regulatory Affairs  
**Revision Date** 21-Apr-2017  
**Revision Note** No information available  
**Disclaimer**

The information provided in this Material 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**