

# SAFETY DATA SHEET

01-Jul-2019

## 1. IDENTIFICATION

### Product identifier

**Product Name** Clorox Pool&Spa Scale, Metal & Stain Control

### Other means of identification

**Product Code** 50232CLX

**UN/ID no.** UN3265

### 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**

Easy 123 Pool Care LLC  
1725 N. Brown Road  
Lawrenceville, GA 30043  
Telephone: 800-767-7665

### 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)

Serious eye damage/eye irritation	Category 1
Corrosive to metals	Category 1

### Label elements

#### **Emergency Overview**

**Danger**

#### **Hazard statements**

Causes serious eye damage  
May be corrosive to metals



**Color** colorless to light amber

**Physical state** liquid

**Odor** Slight

### **Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection

Keep only in original container

**Precautionary Statements - Response**

IF exposed or concerned

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

Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store in original plastic container.

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

20% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS No.	Weight-%
2-phosphonobutane-1,2,4-tricarboxylic acid	37971-36-1	10

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Remove contaminated clothing and shoes. 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.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

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

<b>Symptoms</b>	May cause blurred vision and serious eye damage. Causes severe irritation (tears, blurred vision and redness).
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

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

<b>Unsuitable extinguishing media</b>	None known.
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**Specific hazards arising from the chemical**

There are no unusual fire and explosion hazards known.

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Phosphorus oxides.

**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** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** Avoid release to the environment. 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.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Do not mix with other chemicals. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas.

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

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

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

**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** 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>	Slight
<b>Appearance</b>	aqueous solution	<b>Odor threshold</b>	No information available
<b>Color</b>	colorless to light amber		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	2.5 - 3.1	undiluted	
<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>	1.10		
<b>Water solubility</b>	Miscible in 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>	9.15	lb/gal	
<b>Bulk density</b>	No information available		
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	This product is not classified as an oxidizer under GHS.		

### 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.

### Incompatible materials

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

### Hazardous Decomposition Products

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

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	No known effect.
<b>Eye contact</b>	Irritating to eyes. May cause burns. Risk of serious damage to eyes.
<b>Skin contact</b>	May cause irritation.
<b>Ingestion</b>	Harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-phosphonobutane-1,2,4-tricarboxylic acid 37971-36-1	> 4000 mg/kg ( Rat )	> 4000 mg/kg ( Rat )	> 1979 mg/m <sup>3</sup> ( Rat ) 4 h

### 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>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 .

ATEmix (dermal) 40040 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

10% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
2-phosphonobutane-1,2,4-tricarboxylic acid 37971-36-1	140: 72 h Desmodesmus subspicatus mg/L EC50	500: 48 h Leuciscus idus mg/L LC50 static	265: 24 h Daphnia magna mg/L EC50

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

### Mobility

No information available.

### Other adverse effects

No information available

### 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>	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>	UN3265
<b>Proper shipping name</b>	Corrosive liquid, acidic, organic, n.o.s. (Contains 2-Phosphono-1,2,4-Butanetricarboxylic acid)
<b>Hazard Class</b>	8
<b>Packing Group</b>	III

#### TDG

<b>UN/ID no.</b>	UN3265
<b>Proper shipping name</b>	Corrosive liquid, acidic, organic, n.o.s. (Contains 2-Phosphono-1,2,4-Butanetricarboxylic acid)
<b>Hazard Class</b>	8
<b>Packing Group</b>	III

#### IATA

<b>UN/ID no.</b>	UN3265
<b>Proper shipping name</b>	Corrosive liquid, acidic, organic, n.o.s. (Contains 2-Phosphono-1,2,4-Butanetricarboxylic acid)
<b>Hazard Class</b>	8
<b>Packing Group</b>	III

#### IMDG

<b>UN/ID no.</b>	UN3265
<b>Proper shipping name</b>	Corrosive liquid, acidic, organic, n.o.s. (Contains 2-Phosphono-1,2,4-Butanetricarboxylic acid)
<b>Hazard Class</b>	8
<b>Packing Group</b>	III

### 15. REGULATORY INFORMATION

#### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

No information available

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

**Prepared By** Regulatory Affairs  
**Revision Date** 01-Jul-2019  
**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**