

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS*

Product Use Description: Recreational Water Product

Chemical nature: Chlorinated Isocyanurates

Company: Easy 1 2 3 Pool Care, LLC  
1725 North Brown Road  
Lawrenceville, GA  
30043

Telephone: (800) 859-7946

Emergency telephone number: For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department

05/19/2014

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### **Danger**

Form: tablet or granules      Colour: white      Odour: Chlorine

Hazard Summary : Corrosive  
Oxidizer  
Causes serious eye damage.  
Causes skin burns.  
May be fatal if absorbed through skin.  
May be fatal if inhaled.  
Avoid breathing dust or vapor.  
Causes respiratory tract irritation.  
Harmful if swallowed.  
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

#### Potential Health Effects

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

Primary Routes of Entry	: Skin contact Inhalation Ingestion Eye contact
Aggravated Medical Condition	: Respiratory disorders Skin disorders
Inhalation	: May be fatal if inhaled. Causes respiratory tract irritation.
Skin	: Causes skin burns. May be fatal if absorbed through skin. On contact with moisture, this material readily hydrolyzes to acid which may result in burns if not promptly removed.
Eyes	: Causes serious eye damage.
Ingestion	: Harmful or fatal if swallowed.
Chronic Exposure	: None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Component / CAS-No.	Weight percent
Trichloro-s-triazinetriene 87-90-1	94.05 %
Trade secret 002	3 - 8 %
Boron salt	< 2 %

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

Inhalation	: Remove to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a POISON CENTER or doctor/ physician.
Skin contact	: Remove contaminated clothing and shoes. Rinse immediately with plenty of water for at least 15 minutes. Call a POISON CENTER or doctor/ physician.
Eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a POISON CENTER or doctor/ physician.

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

Ingestion : Call a physician or poison control centre immediately.  
Have person sip a glass of water if able to swallow.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
Do not give anything by mouth to a convulsing or unconscious person.

### Notes to physician

Treatment : Probable mucosal damage may contraindicate the use of gastric lavage.

## SECTION 5. FIREFIGHTING MEASURES

### Flammable properties

Flash point : Remarks: not applicable

### Fire fighting

Suitable extinguishing media : Flood with large volumes of water.

Unsuitable extinguishing media : ABC powder  
Dry powder  
Risk of violent reaction.

Further information : Do not let fire burn.

### Protective equipment and precautions for firefighters

Specific hazards during firefighting : Under extreme heat (greater than 400F), this product will evolve noxious chlorine containing gases.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.  
Do not add water to spilled material.  
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.  
Do not close containers containing wet or damp material. They should be left open to disperse any hazardous gases that may form.

Additional advice : Do not use floor sweeping compounds to clean up spills.  
Do not transport wet or damp material.  
Treat recovered material as described in the section "Disposal considerations".  
Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

### SECTION 7. HANDLING AND STORAGE

#### Handling

Handling procedures : Strong oxidizing agent.  
Avoid contact with skin, eyes and clothing.  
Avoid breathing dust.  
Avoid breathing vapors.  
Do not mix with other chemicals.  
Mix only with water.  
Never add water to this product.  
Always add product to large quantities of water.  
Use only clean and dry utensils.  
Do not add this product to any dispensing devices containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion.  
Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion.  
In case of contamination or decomposition, do not reseal container.  
If possible, isolate container in open air or well-ventilated area.  
Flood with large volumes of water.  
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.  
Do not handle until all safety precautions have been read and understood.

#### Storage

Requirements for storage areas and containers : Temperature not to exceed 52 C (125F) for 24 hours.  
Store in original container.  
Keep container closed when not in use.  
Store in a cool, dry, well ventilated area away from heat or open flame.  
Keep out of reach of children.  
Keep away from animals.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

#### Components with workplace control parameters

Components / CAS-No.	Value / Basis / Update	Control parameters	Further information
Boron salt	TWA ACGIH 2007-01-01	2 mg/m3	
	STEL ACGIH 2007-01-01	6 mg/m3	
	TWA ACGIH 2008-01-01	2 mg/m3	

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

	STEL	6 mg/m3	
	ACGIH		
	2008-01-01		

### Engineering measures

Engineering measures : Ensure that eyewash stations and safety showers are close to the workstation location.  
Use with adequate ventilation.

### Personal protective equipment

Eye protection : Goggles  
Safety glasses with side-shields

Hand protection : Wear rubber gloves.

Respiratory protection : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures : Wash contaminated clothing before reuse.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : tablet or granules

Colour : white

Odour : Chlorine

### Safety data

Flash point : Note: not applicable

pH : 3 - 3.5  
at  
77 °F (25 °C)  
Note: 1% Solution

Boiling point/boiling range : Note: not applicable

Vapour pressure : no data available

Density : 0.88 - 0.96 g/cm3

Water solubility : 1.2 g/l

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

Relative vapour density : Note: no data available

### SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: High temperatures.  
Poor ventilation.  
Contamination  
Moisture/high humidity.

Materials to avoid : Remarks: Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidizable material; ammonia, urea, or similar nitrogen containing compounds; inorganic reducing compounds; floor sweeping compounds; calcium hypochlorite; other swimming pool/spa chemicals in their concentrated form; alkalis. Avoid contact with all other chemicals.

Hazardous decomposition products : Note: Chlorine containing gases can be produced.

Thermal decomposition : 225 - 230 °C

Hazardous reactions : Hazardous polymerisation does not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50: 809 mg/kg  
Species: rat

Acute inhalation toxicity : Remarks: Direct contact with wet material or moist skin may cause severe irritation, pain and possibly burns.

Acute dermal toxicity : LD50: > 2,000 mg/kg  
Species: rabbit

Skin irritation : Remarks: Direct contact with wet material or moist skin may cause severe irritation, pain and possibly burns.

Eye irritation : Remarks: Causes serious eye damage.

### 12. ECOLOGICAL INFORMATION

Toxicity to fish  
Trichloro-s-triazinetrione : LC50: 0.24 mg/l  
Exposure time: 96 h  
Species: Oncorhynchus mykiss (rainbow trout)

Trade secret 002 : LC50: > 1,000 mg/l

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

Exposure time: 96 h

Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates

Trichloro-s-triazinetrione : LC50: 0.21 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)

Trade secret 002 : LC50: > 1,000 mg/l  
Exposure time: 96 h  
Species: Mysid shrimp

EC50: > 485 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)

Toxicity to algae

Trichloro-s-triazinetrione : EC50: 655 mg/l  
Exposure time: 96 h  
Species: Algae

### Further information on ecology

Additional ecological information : Toxic to fish.  
Toxic to aquatic organisms.  
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.  
If these wastes cannot be disposed of by use according to label instructions, contact your Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. For registered pesticides, contact your State Pesticide Agency.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor.  
Contact with incompatible materials could cause a reaction or fire.  
Improper disposal of excess product, spray mixture or rinsate is a violation of Federal Law.

Contaminated packaging : Do not re-use empty containers.  
Rinse thoroughly before discarding in trash.

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

Version: 1.0

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Offer rinsed packaging material to local recycling facilities.

### SECTION 14. TRANSPORT INFORMATION

#### DOT

UN number : 3077  
Description of the goods : Environmentally hazardous substances, solid, n.o.s.  
: (Trichloro-s-triazinetrione)  
Class : 9  
Packing group : III  
ERG Code : 171

#### IATA

UN number : 3077  
Description of the goods : Environmentally hazardous substance, solid, n.o.s.  
: (Trichloro-s-triazinetrione)  
Class : 9  
Packing group : III  
Labels : 9  
Environmentally hazardous : yes

#### IMDG

UN number : 3077  
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S.  
: (Trichloro-s-triazinetrione)  
Class : 9  
Packing group : III  
EmS Number 1 : F-A  
EmS Number 2 : S-F  
Marine pollutant : yes  
Trichloro-s-triazinetrione  
Environmentally hazardous : yes  
Trichloro-s-triazinetrione

Not recommended for shipment by air

Not regulated by DOT and TDG if shipped or transported in packaging less than 400KG by road and/or rail.

### SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**SARA 311/312 Hazards** : Acute Health Hazard  
Reactivity Hazard

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Version: 1.0

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**The components of this product are reported in the following inventories:**

<b>US.TSCA</b>	On TSCA Inventory
<b>DSL</b>	All components of this product are on the Canadian DSL list.
<b>AICS</b>	On the inventory, or in compliance with the inventory
<b>NZIoC</b>	On the inventory, or in compliance with the inventory
<b>ENCS</b>	On the inventory, or in compliance with the inventory
<b>KECI</b>	On the inventory, or in compliance with the inventory
<b>PICCS</b>	On the inventory, or in compliance with the inventory
<b>IECSC</b>	On the inventory, or in compliance with the inventory

<b>TSCA list Information</b>	<u>US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)</u> <u>ZUS T12B</u>  <u>Not relevant</u>
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### SECTION 16. OTHER INFORMATION

**Further information**

**HMIS Classification** : Health hazard: 3  
Flammability: 0  
Physical hazards: 1  
PPI: Ask supervisor or safety specialist for handling instructions

## Material Safety Data Sheet

# CLOROX™ POOL&SPA™ XTRA BLUE™ 3" LONG LASTING CHLORINATING TABLETS

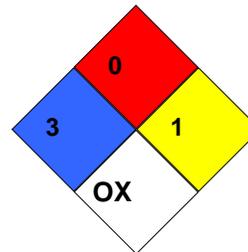
Version: 1.0

Revision Date: 05/19/2014

Print Date: 06/17/2014

### NFPA Classification

: Health hazard: 3  
Fire Hazard: 0  
Reactivity Hazard: 1  
Specific hazards: OX Class 1  
Oxidizer.



### Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

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.