



**SAFETY DATA SHEET  
Rock and Waterfall Cleaner**

**1. COMPANY AND PRODUCT IDENTIFICATION**

Product Name: <b>Rock and Waterfall Cleaner (Oxy)</b>		Date: 1-26-2016
Company: Water Landscape Supply		Recommended Use: Pond Cleaner
Address: 2507 E 21st St, Des Moines, IA 50317 USA		Emergency Telephone: 800-424-9300 (CHEMTREC) International: 1-703-527-3887
Phone: 231-834-7720	Fax: 231-834-5537	

**2. HAZARDS IDENTIFICATION**

**GHS Classification**

Acute Toxicity – Oral	Category 4
Serious Eye Damage/Eye Irritation	Category 1
Oxidizing Solid	Category 3

**Signal Word**  
**DANGER!**



**Hazard Statements**

Harmful if swallowed  
Causes serious eye damage  
May intensify fire; oxidizer

**Precautionary Statements – Prevention**

Wash thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/eye protection/face protection  
Keep away from heat  
Store away from combustible materials  
Take any precaution to avoid mixing with combustibles

**Precautionary Statements – Response**

IF SWALLOWED: call a POISON CENTER or doctor/physician if feeling unwell. Rinse mouth  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention.  
In case of fire: Use water for extinction

**Precautionary Statements – Storage**

Store in a dry place away from combustible materials

**Precautionary Statements – Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

*Product is a mixture according to 29 CFR 1910.1200.*

#### Hazardous Components

Hazardous Ingredients	CAS #	Weight %
Sodium carbonate peroxyhydrate	15630-89-4	50

*Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR1910.1200.*

### 4. FIRST AID MEASURES

#### First Aid Measures

**General Advice:** Keep out of reach of children. Use with care.

**Eye Contact:** Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.

**Skin Contact:** Wash off with soap and water while removing all contaminated clothing.

**Ingestion:** If swallowed, call immediately for emergency medical assistance. DO NOT induce vomiting. Rinse mouth with water and drink 1-2 glasses of water. Never give anything by mouth to an unconscious person

**Inhalation:** Remove to fresh air.

#### Most Important Symptoms and Effects

**Symptoms:** Severe burns to eyes, skin and respiratory tract

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

**Notes to Physician:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

#### Flammable Properties

**Flammability:** Not considered to be a fire hazard.

**Explosive Prop:** May be a fire and explosion hazard when in contact with incompatible materials

#### Extinguishing Media:

**Suitable:** Water. Water may also be used to keep fire-exposed containers and structures cool and to protect personnel.

**Unsuitable:** No information available.

#### Specific Hazard Arising from Chemical

**Hazards:** No information available.

**Protective equipment and precautions for fire-fighters**

**Fire-Fight Method:** In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.

**Environmental precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

**Clean up methods:** Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

**7. HANDLING AND STORAGE**

**Handling:** Use personal protective equipment when needed. Avoid contact with skin, eyes and clothing. Wash hands before eating, drinking or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.

**Storage:** Store in closed containers in cool, dry, well ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.

**Incomp. Materials:** Combustible materials. Strong acids and bases. Oxidizing agents. Metals. Organic materials. Water/Moisture.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Hazardous Chemical	OSHA PEL	ACGIH TLV
Sodium carbonate peroxyhydrate	No information available	No information available

**Appropriate Engineering Controls**

**Eng. Controls:** Ensure adequate ventilation, especially in confined areas.

**Personal Protection Equipment (PPE)**

**Eyes:** Recommend safety goggles or shield.

**Respiratory:** Not usually necessary where ventilation is sufficient to maintain vapors under the TLV limit.

**Skin:** Avoid skin contact. Recommend chemical resistant gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance:</b>	Powder
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>
<b>pH:</b>	12.0 – 13.0
<b>Flash Point:</b>	Not determined
<b>Water solubility:</b>	Soluble in Water
<b>Viscosity:</b>	Not determined
<b>Specific Gravity:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Relative Density:</b>	Not determined
<b>Flammability:</b>	Not determined
<b>Explosive Limits:</b>	Not determined
<b>Part. Coefficient:</b>	Not determined
<b>Auto-ignition Temp:</b>	Not determined
<b>Decomp. Temp:</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Unstable upon exposure to heat. Unstable upon exposure to moisture.
<b>Haz. decomposition:</b>	Oxidation resulting in increased fire or explosion risk. Upon combustion, CO and CO <sub>2</sub> are formed.
<b>Haz. Polymerization:</b>	No information available.
<b>Incompatibilities:</b>	Combustible materials, strong acids and bases, strong oxidizing agents metals, organic materials, water/moisture.
<b>Conditions to avoid:</b>	Heat, moisture and incompatibles.

## 11. TOXICOLOGICAL INFORMATION

### Component Information

Hazardous Chemical	LD50 Oral	LD50 Dermal
Sodium carbonate peroxyhydrate	1034 mg/kg (rat)	>2000 mg/kg (rabbit)

### Potential Health Effects

**Exposure Routes:** Eye Contact, Dermal Contact, Ingestion, Inhalation

### Acute Toxicity:

**Eyes:** Causes eye irritation with tearing, redness and impaired vision  
**Skin:** Causes skin irritation, redness and itching. May cause chemical burns.

<b>Ingestion:</b>	Harmful if swallowed. Corrosive to mucous membranes, esophagus and stomach.
<b>Inhalation:</b>	Respiratory irritant.
<b>Chronic Effects:</b>	Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.
<b>Carcinogenicity:</b>	Not listed as carcinogen by OSHA, NTP or IARC

## 12. ECOLOGICAL INFORMATION

### Eco-toxicity

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Sodium carbonate peroxyhydrate	70.7 mg/L <i>P. promelas</i> 48 h semi-static	Not determined

### Environmental Toxicity

<b>Biodegradation:</b>	No information available.
<b>Persistence:</b>	This product is alkaline and may raise the pH of surface waters.
<b>Bioaccumulation:</b>	No information available.
<b>Mobility:</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal:</b>	Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage and/or in drains.
<b>Container:</b>	Drain contaminated container thoroughly. Do not reuse container.

## 14. TRANSPORTATION INFORMATION

*Transport in accordance with all federal, state and local regulations.*

### DOT

<b>Proper Name:</b>	Sodium Carbonate Peroxyhydrate
<b>Hazard Class:</b>	5.1
<b>UN Number:</b>	UN3378
<b>Packing Group:</b>	III
<b>Special Provisions:</b>	This product is considered a limited quantity and is not regulated by DOT per 49 CFR 173.152 (b,2) for inner packaging not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging. (173.152 (b)(2))

## 15. REGULATORY INFORMATION

### US Federal Regulations

<b>TSCA Status:</b>	All components of the product are listed or exempt from listing on the TSCA inventory.
<b>CERCLA Reportable Qty:</b>	Not Applicable

### US State Right-to-Know Regulations

Hazardous Chemical	California Proposition 65
None	

**Section 311/312 Hazard Category**

<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
<b><u>Section 313 Toxic Chemicals</u></b>	None

**16. OTHER INFORMATION**

Revision Date: 1/26/16

Revision Note: Updated DOT Special Provisions (Section 14)

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