



SAFETY DATA SHEET Rock and Waterfall Cleaner

1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: Rock and Waterfall Cleaner (Oxy)		Date: 1-26-2016
Company: EasyPro Pond Products		Recommended Use: Pond Cleaner
Address: 4385 E 110 th , Grant, MI 49327 USA		Emergency Telephone: 800-424-9300
Phone: 231-834-7720	Fax: 231-834-5537	(CHEMTREC) International: 1-703-527-3887

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

Physical State	Solid
Appearance:	Powder
Color:	White
Odor:	Odorless
Odor Threshold:	No information available

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

10. STABILITY AND REACTIVITY

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

Ingestion:	Harmful if swallowed. Corrosive to mucous membranes, esophagus and stomach.
Inhalation:	Respiratory irritant.
Chronic Effects:	Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.
Carcinogenicity:	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

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

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	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.
Container:	Drain contaminated container thoroughly. Do not reuse container.

14. TRANSPORTATION INFORMATION

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

DOT

Proper Name:	Sodium Carbonate Peroxyhydrate
Hazard Class:	5.1
UN Number:	UN3378
Packing Group:	III
Special Provisions:	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

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

US State Right-to-Know Regulations

Hazardous Chemical	California Proposition 65
None	

Section 311/312 Hazard Category

Acute Health Hazard: Yes

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

Section 313 Toxic Chemicals None

16. OTHER INFORMATION

Revision Date: 1/26/16

Revision Note: Updated DOT Special Provisions (Section 14)

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