

# SAFETY DATA SHEET

## BIO-OXY ENERGIZED DESTAINER

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 06/05/2017 / Supersedes Revision: 11/16/2015

Product Name: BIO-OXY ENERGIZED DESTAINER  
ID Code: 4169

**Manufacturer:**

Native Green LLC  
2110 East Walton Blvd.  
Auburn Hills, MI 48326  
Phone: (888) 456-6444  
Website: [www.nativegreen.com](http://www.nativegreen.com)

24 Hour Chemical Emergency for: Spill - Leak - Fire - Accident - Exposure  
Within USA & Canada - CHEMTREC: (800) 424-9300 or (703) 527-3887 (collect calls accepted)

### SECTION 2: HAZARD(S) IDENTIFICATION

Skin Corrosion/Irritation, Category 1B  
Serious Eye Damage/Eye Irritation, Category 1  
Specific Target Organ Toxicity (single exposure), Category 3



**GHS Signal Word: WARNING**

**GHS Hazard Phrases:**

H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.

**GHS Precaution Phrases:**

P261 - Avoid breathing dust.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves and eye protection.

**GHS Response Phrases:**

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P321 - Specific treatment see appropriate section of the SDS.  
P363 - Wash contaminated clothing before reuse..

**GHS Storage and Disposal Phrases:**

P405 - Store locked up.  
P501 - Dispose of contents/container to trash after rinsing container.

**Potential Health Effects (Acute and Chronic):**

**Inhalation:** Causes respiratory tract irritation.

**Skin Contact:** Causes skin irritation.

**Eye Contact:** Causes eye irritation. Causes eye burns. May cause conjunctivitis. May cause permanent corneal opacification. Lachrymator (substance which increases the flow of tears).

**Ingestion:** May cause irritation of the digestive tract. Harmful if swallowed. Causes burns. May cause nausea, vomiting, and diarrhea, possibly with blood.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	20.0-35.0 %
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	15.0-30.0 %

### SECTION 4: FIRST-AID MEASURES

#### Emergency and First Aid Procedures:

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician. Wash clothing before reuse.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. Continue rinsing eyes during transport to hospital.

**In Case of Ingestion:** Get medical aid. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Consult a physician.

**Signs and Symptoms Of Exposure:** Burning sensation, Breathing dusts from the use of this product may be harmful. Wheezing, Laryngitis, Shortness of breath.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:** NP

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wear self contained breathing apparatus for fire fighting if necessary..

**Flammable Properties and Hazards:**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Do not let this chemical enter the environment. Personal precautions. Use personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions. Do not let product enter drains.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Do not get water inside containers. Do not use combustible materials such as paper towels to clean up spill. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section).

### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling. Keep container tightly closed. Avoid contact with clothing and other combustible materials. Do not ingest or inhale.

**Precautions To Be Taken in Storing:** Store in a cool, dry place. Store in a tightly closed container. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. Keep away from sources of ignition. Do not store near combustible materials. Store protected from moisture. Keep away from acids.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt			
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}			

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required.

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by

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OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:**  Gas  Liquid  Solid

**Appearance and Odor:** White granular powder

Fragrant odor.

**Melting Point:**

**Boiling Point:**

**Autoignition Pt:** NP

**Flash Pt:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Specific Gravity (Water = 1):**

**Vapor Pressure (vs. Air or mm Hg):**

**Density:** ~ 60 LB/CF

**Evaporation Rate:**

**Solubility in Water:**

**Viscosity:**

**pH:** ~ 12.0 @ 1%

**Percent Volatile:**

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability:** Incompatible materials, dust generation, Exposure to moist air or water.

**Incompatibility – Materials To Avoid:** Strong acids.

**Hazardous Decomposition Or Byproducts:** Carbon monoxide, oxides of phosphorus, Carbon dioxide, formed under fire conditions. Sodium oxides, silicon oxides. Nitrogen oxides.

**Possibility of Hazardous Reactions:** Will occur  Will not occur

**Conditions To Avoid -Hazardous Reactions:**

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:**

**Irritation or Corrosion:** Skin - rabbit - Severe skin irritation - -24 h.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	n.a.	n.a.	n.a.	n.a.
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	n.a.	n.a.	n.a.	n.a.

### SECTION 12: ECOLOGICAL INFORMATION

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed.

### SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:** UN/NA Number: Packing Group:

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### SECTION 15: REGULATORY INFORMATION

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No	No	No
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 06/05/2017

**Preparer Name:** Regulatory Affairs

#### Additional Information About This Product:

#### Hazard Rating System:

**HMS**

**Health: 1**

**Flammability: 0**

**Physical: 1**

**PPE: A**

**Company Policy or Disclaimer:** The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.