

# SAFETY DATA SHEET

## Bio+ Solid Laundry Detergent

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 08/19/2016 / Supersedes Revision: n/a

Product Name: Bio+Solid Laundry Detergent  
ID Code: 4977

**Manufacturer:**

NATIVE GREEN  
2110 EAST WALTON BLVD.  
AUBURN HILLS, MI 48326  
Phone: 248/365-4200  
Website: [www.nativegreen.com](http://www.nativegreen.com)

**EMERGENCY CONTACT:** Chemtrec, Reference CCN203605  
Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

### SECTION 2: HAZARD(S) IDENTIFICATION

Acute Toxicity: Oral, Category 4  
Serious Eye Damage/Eye Irritation, Category 2

GHS Signal Word: **WARNING**



**GHS Hazard Phrases:**

H302 - Harmful if swallowed.  
H319 - Causes serious eye irritation.

**GHS Precaution Phrases:**

P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:**

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
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.  
P330 - Rinse mouth.  
P337+313 - If eye irritation persists, get medical advice/attention.

**GHS Storage and Disposal Phrases:**

P501 - Dispose of contents/container to trash after rinsing container.

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

**Inhalation:** No hazard expected in normal industrial use.  
**Skin Contact:** May cause skin irritation. Allergic reactions are possible.  
**Eye Contact:** Causes severe eye irritation.  
**Ingestion:** Harmful if swallowed.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	25.0 -40.0 %
6132-04-3	Sodium citrate, dihydrate	5.0 -15.0 %

### SECTION 4: FIRST-AID MEASURES

**Emergency and First Aid Procedures:**

**In Case of Inhalation:** If breathed in, move person into fresh air. No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

**In Case of Skin Contact:** Wash affected area with plenty of water for at least 15 minutes. If skin irritation or rash occurs, seek medical advice/attention.

**In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Note to Physician:** None known.

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### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** NA

**Explosive Limits:** LEL: No Data UEL: No Data

**Autoignition Pt:** No Data

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** Wear self contained breathing apparatus for fire fighting if necessary.

**Flammable Properties and Hazards:** Carbon oxides, Sulphur oxides.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Protective Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. For personal protection see section 8.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Personal precautions. Environmental precautions. Do not let product enter drains.

### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** No data available.

**Precautions To Be Taken in Storing:** No data available.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No data.	No data.	No data.
6132-04-3	Sodium citrate, dihydrate	No data.	No data.	No data.

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

**Eye Protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Protective Gloves:** For prolonged or repeated contact use protective gloves.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Environmental Exposure Controls:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:**  Gas  Liquid  Solid

**Appearance and Odor:** Blue solid block  
Floral odor.

**Melting Point:** ~ 110.00 F - 0.00 C

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** ~ 1.00

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** Complete

**Viscosity:**

**pH:** ~ 9.5 - @ 1%

**Percent Volatile:** No data.

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability:** No data available. **Incompatibility**

**- Materials To Avoid:** Strong oxidizing agents. **Hazardous**

**Decomposition Or Byproducts:** No data available. **Possibility of**

**Hazardous Reactions:** Will occur  Will not occur  **Conditions**

**To Avoid -Hazardous Reactions:** No data available.

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### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	n.a.	n.a.	n.a.	n.a.
6132-04-3	Sodium citrate, dihydrate	n.a.	n.a.	n.a.	n.a.

### SECTION 12: ECOLOGICAL INFORMATION

**General Ecological Information:** No data available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of as unused product.

### 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:

### 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)
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No	Yes 1000 LB	No
6132-04-3	Sodium citrate, dihydrate	No	No	No

**CAS #**      **Hazardous Components (Chemical Name)**

25155-30-0      Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}

6132-04-3      Sodium citrate, dihydrate

**Other US EPA or State Lists**

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 08/19/2016

**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

**HMS**

**Health: 1**

**Flammability: 0**

**Physical: 1**

**PPE: A**

**Additional Information About This Product:**

**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.