

# SAFETY DATA SHEET

## BIO+SOLID MANUAL DISHWASH

### 1. Product and Company Identification

<b>Product Code:</b>	4685	<b>Revision:</b>	04/20/2018
<b>Product Name:</b>	BIO+SOLID MANUAL DISHWASH	<b>Supersedes Revision:</b>	06/26/2014
<b>Part No.:</b>	529-0205		
<b>Manufacturer Information:</b>	NATIVE GREEN 180 ENGELWOOD DR-SUITE A ORION, MI 48359 www.nativegreen.com	<b>Phone Number:</b>	248/365-4200

**Emergency Contact:** Chemtrec 24 Hour (800) 424-9300  
Spill, Leak, Fire, Exposure, or Accident

<b>Company Name:</b>	NATIVE GREEN 180 ENGELWOOD DR-SUITE A ORION, MI 48359 www.nativegreen.com	<b>Phone Number:</b>	248/365-4200
----------------------	--	----------------------	--------------

### 2. Hazards Identification

**Acute Toxicity: Oral, Category 4**  
**Serious Eye Damage/Eye Irritation, Category 1**



<b>GHS Signal Word:</b>	<b>Danger</b>
<b>GHS Hazard Phrases:</b>	H302 - Harmful if swallowed. H318 - Causes serious eye damage.
<b>GHS Precaution Phrases:</b>	P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves and eye protection.
<b>GHS Response Phrases:</b>	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. P310 - Immediately call a POISON CENTER or doctor/physician. P330 - Rinse mouth.
<b>GHS Storage and Disposal Phrases:</b>	P501 - Dispose of contents/container to trash after rinsing container.
<b>Potential Health Effects (Acute and Chronic):</b>	
<b>Inhalation:</b>	No hazard expected in normal industrial use.
<b>Skin Contact:</b>	May cause skin irritation.
<b>Eye Contact:</b>	Causes severe eye irritation and possible burns.
<b>Ingestion:</b>	Harmful if swallowed. May cause irritation of the digestive tract.

# SAFETY DATA SHEET

## BIO+SOLID MANUAL DISHWASH

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	20.0 -30.0 %
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	1.0 -5.0 %

### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

<b>In Case of Inhalation:</b>	No specific treatment is necessary, since this material is not likely to be hazardous.
<b>In Case of Skin Contact:</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical aid if irritation develops or persists.
<b>In Case of Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<b>In Case of Ingestion:</b>	If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Get medical aid.

### 5. Fire Fighting Measures

<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Autoignition Pt:</b>	No data.	
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or chemical foam. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.	
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.	
<b>Flammable Properties and Hazards:</b>	No data available.	

### 6. Accidental Release Measures

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Provide ventilation. Avoid runoff into storm sewers and ditches which lead to waterways.
---	---

### 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	No special handling procedures are required. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid ingestion and inhalation.
<b>Precautions To Be Taken in Storing:</b>	Store in a cool, dry place. Keep container closed when not in use.

### 8. Exposure Controls/Personal Protection

## SAFETY DATA SHEET

## BIO+SOLID MANUAL DISHWASH

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.
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	No data.	No data.	No data.

<b>Respiratory Equipment (Specify Type):</b>	Respirator protection is not normally required.
<b>Eye Protection:</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure.
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	No data available.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ ] Liquid [ X ] Solid	
<b>Appearance and Odor:</b>	Yellow solid block Fragrant odor.	
<b>Melting Point:</b>	> 100.00 F	
<b>Boiling Point:</b>	No data.	
<b>Autoignition Pt:</b>	No data.	
<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Specific Gravity (Water = 1):</b>	No data.	
<b>Density:</b>	~ 62 LB/CF	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.	
<b>Vapor Density (vs. Air = 1):</b>	No data.	
<b>Evaporation Rate:</b>	No data.	
<b>Solubility in Water:</b>	Complete	
<b>pH:</b>	~ 6.8 @ 1%	
<b>Percent Volatile:</b>	No data.	

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	No data available.
<b>Incompatibility - Materials To Avoid:</b>	No data available.
<b>Hazardous Decomposition or Byproducts:</b>	Carbon monoxide, oxides of sulfur, Carbon dioxide, oxides of magnesium.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.

# SAFETY DATA SHEET

## BIO+SOLID MANUAL DISHWASH

### 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.
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

No data available.

### 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.  
RCRA U-Series: None listed.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated as a hazardous material.

**DOT Hazard Class:** NA None

**UN/NA Number:**

### 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
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	No	Yes 1000 LB	No

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

**Other US EPA or State Lists**

25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

# SAFETY DATA SHEET

## BIO+SOLID MANUAL DISHWASH

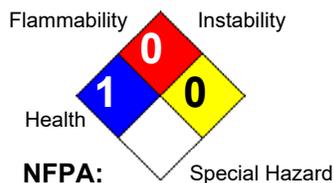
### 16. Other Information

**Revision Date:** 04/20/2018  
**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PPE</b>	<b>B</b>

**HMIS:**



**Additional Information About This Product:** No data available.

**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.