

1. Product and Company Identification

Product Code: 602S-0206

Product Name: Bio+ Solid Floor Cleaner

Company Name: Native Green LLC
2110 East Walton Blvd.
Auburn Hills, MI 48336

Phone Number: (888)456-6444

Web site address: www.nativegreen.com

Emergency Contact Information: Chemtrec, Use Company Code: A814 (800)424-9300
info@nativegreen.com

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**

GHS Hazard Phrases: H319 - Causes serious eye irritation.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear eye protection.

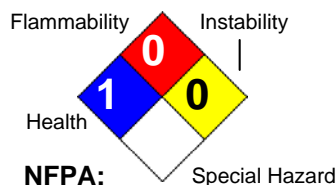
GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: No phrases apply.

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	B

HMIS:



Potential Health Effects (Acute and Chronic): May cause kidney damage. Chronic exposure may cause liver damage.

Skin Contact: Causes skin irritation. May be harmful if absorbed through the skin.

Eye Contact: Lachrymator (substance which increases the flow of tears). Causes severe eye irritation.

Ingestion: May cause irritation of the digestive tract. Harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
6132-04-3	Sodium citrate, dihydrate	<50.0 %
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	>15.0 %

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:** Wash off with soap and plenty of water. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- In Case of Eye Contact:** Flush eyes with water as a precaution. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical aid if irritation or symptoms occur.

5. Fire Fighting Measures

Flash Pt:

Explosive Limits: LEL: UEL:

Autoignition Pt:

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

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. Substance is noncombustible.

Flammable Properties and Hazards:

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Environmental precautions.
Do not let product enter drains.
Methods for cleaning up.
Sweep up and shovel. Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. (See Exposure Controls, Personal Protection section).

7. Handling and Storage

Precautions To Be Taken in Handling: Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Precautions To Be Taken in Storing: Store in a cool, dry place. Store in a tightly closed container.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6132-04-3	Sodium citrate, dihydrate			
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}			

Respiratory Equipment

(Specify Type):

Eye Protection: Safety glasses. 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.

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.):

Work/Hygienic/Maintenance Practices: General industrial hygiene practice.

9. Physical and Chemical Properties

Physical States: Gas Liquid Solid

Appearance and Odor: Dark green solid block
Fragrant odor.

Melting Point:

Boiling Point:

Autoignition Pt:

Flash Pt:

Explosive Limits: LEL: UEL:

Specific Gravity (Water = 1): ~ 1.1

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Evaporation Rate:

Solubility in Water:

pH: ~ 10.5 @ 1%

Percent Volatile:

10. Stability and Reactivity

Stability: Unstable Stable

Conditions To Avoid -

Instability:

Incompatibility - Materials To Avoid: Strong acids. Hydrogen peroxide.

Hazardous Decomposition Or Byproducts: Carbon oxides, Carbon monoxide, Carbon dioxide, oxides of sulfur.

Possibility of Hazardous Reactions: Will occur Will not occur

Conditions To Avoid -

Hazardous Reactions:

11. Toxicological Information

Toxicological Information:

Carcinogenicity/Other Information: CAS# 25322-68-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 25155-30-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

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

12. Ecological Information

General Ecological Information:

Environmental: No information found.
Physical: No information found.
Aquatic: Water temperature affects biodegradation. The rate of sodium-C12 linear alkylbenzene sulfonic acids biodegradation in Chesapeake Bay water was max at 25-30 deg C and decreased at lower incubation temperatures. Terrestrial: The adsorption of sodium-C12 linear alkylbenzene sulfonic acids is affected by the type of soil. The affinity of the soil for surfactants competes with microbial attack, slowing biodegradation. (HSDB)
Other: Do not empty into drains.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not dangerous goods.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not dangerous goods.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not dangerous goods.

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

SAFETY DATA SHEET

BIO+ SOLID FLOOR CLEANER

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6132-04-3	Sodium citrate, dihydrate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 10/20/2014
Preparer Name: Regulatory Affairs

Additional Information About This Product:

Company Policy or Disclaimer:

The information contained in this Material 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.