SAFETY DATA SHEET

BIO+SOLID MACHINE DISHWASH DETERGENT

1. Product and Company Identification

Product Code: 4583

Product Name: BIO+SOLID MACHINE DISHWASH DETERGENT

Revision: 01/01/2022

Supersedes Revision: 11/11/2021

Manufacturer Information:
Native Green LLC
180 A Engelwood Dr
Orion, MI 48359

Phone Number:
(888) 456-6444

Emergency Contact:
Chemtrec 24 Hour
Leak, Spill, Exposure, Fire, Accident

Phone: (800)424-9300

Supplier Name and Address:
ABVI/GOODWILL OF FINGER LAKES
422 SOUTH CLINTON AVENUE

ROCHESTER, NY 14620

Phone Number:
585-697-5762

2. Hazards Identification

Skin Corrosion/Irritation, Category 1C

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H314 - Causes severe skin burns and eye damage.

GHS Precautionary Phrases:
P260 - Do not breathe mist, vapors or spray of the diluted product.
P264 - Wash hands thoroughly after handling.
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 section 4 on this SDS.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations.

Potential Health Effects (Acute and Chronic):

Inhalation: No hazard expected in normal industrial use.

Skin Contact: Causes skin burns.

Eye Contact: Causes eye burns.

Ingestion: Harmful if swallowed. Causes burns.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
6834-92-0	Silicic acid (H2SiO3), Disodium salt	<=47.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

In Case of Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If skin irritation or rash occurs, seek medical advice/attention.

In Case of Eye Contact: Flush eye with water for 15 minutes. Get medical attention.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: Burning sensation.

5. Fire Fighting Measures

Flash Pt: NP

Explosive Limits: LEL: UEL:

Autoignition Pt: NP

Suitable Extinguishing Media: Material is non-combustible. Use extinguishing agent suitable for type of surrounding fire.

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

Flammable Properties and Hazards:

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Personal precautions.
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.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6834-92-0	Silicic acid (H2SiO3), Disodium salt			

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

Eye Protection: 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: Protective garments not normally required.

Engineering Controls (Ventilation etc.): There are no special ventilation requirements. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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

9. Physical and Chemical Properties

Physical States: [ ] Gas [ ] Liquid [X] Solid

Appearance and Odor: White solid block
Mild odor.

Melting Point: NP

Boiling Point: NP

Autoignition Pt: NP

Flash Pt: NP

Explosive Limits: LEL: UEL:

Specific Gravity (Water = 1): NP

Density: >=1.5 G/CC

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

Vapor Density (vs. Air = 1): NP

Evaporation Rate: NP

Solubility in Water: ~ 20% at 72.0 F

Saturated Vapor Concentration: NP

Viscosity: NP

pH: > 11.5

Percent Volatile: NP

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability:

Incompatibility - Materials To Avoid: Strong acids.

Hazardous Decomposition or Byproducts: formed under fire conditions. Sodium oxides, silicon oxides. Carbon monoxide, Carbon dioxide.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions:

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11. Toxicological Information

Toxicological Information:

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
6834-92-0	Silicic acid (H2SiO3), Disodium salt	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
Dispose of as unused product. 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.

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)
6834-92-0	Silicic acid (H2SiO3), Disodium salt	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6834-92-0	Silicic acid (H2SiO3), Disodium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 01/01/2022
Preparer Name: Regulatory Affairs

Hazard Rating System:

HMIS:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PPE	B

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.