

SAFETY DATA SHEET**BIO+DISHMACHINE DELIMER DESCALER ES****1. Product and Company Identification**

Product Code: 4987
Product Name: BIO+DISHMACHINE DELIMER DESCALER ES
Revision: 01/01/2022
Supersedes Revision: 08/10/2021

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 THE FINGER LAKES
422 SOUTH CLINTON AVENUE
ROCHESTER, NY 14620
Phone Number: 585-697-5762

2. Hazards Identification**Serious Eye Damage/Eye Irritation, Category 2**

GHS Signal Word: **Warning**

GHS Hazard Phrases: H319 - Causes serious eye irritation.

GHS Precautionary Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/ 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. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.
P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: No phrases apply.

Potential Health Effects (Acute and Chronic):

Inhalation: No hazard expected in normal industrial use.

Skin Contact: No hazard expected in normal industrial use.

Eye Contact: Causes eye irritation.

Ingestion: May cause irritation of the digestive tract. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
77-92-9	Citric acid	30.0 -60.0 %

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- In Case of Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
- 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

Vomiting, Diarrhea. Damage to tooth enamel. Dermatitis.

Exposure:**5. Fire Fighting Measures****Flash Pt:** NP Method Used: Estimate**Explosive Limits:** LEL: UEL:**Autoignition Pt:** NA**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.**Fire Fighting Instructions:** Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.**Flammable Properties and****Hazards:****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. Avoid generating dusty conditions. Personal precautions. Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions. Do not let product enter drains.

Pick up and arrange disposal without creating dust. Sweep up and shovel.

7. Handling and Storage**Precautions To Be Taken in Handling:** Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid formation of dust and aerosols.

Normal measures for preventive fire protection.

Precautions To Be Taken in Storing: Store in a cool, dry place.**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
77-92-9	Citric acid			

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11. Toxicological Information

Toxicological Information:

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
77-92-9	Citric acid	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: 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)
77-92-9	Citric acid	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
77-92-9	Citric acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 08/10/2021

Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	A

HMIS:

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.