

SAFETY DATA SHEET

Date issued : 01/18/2017

SDS number : END

Date revised : 11/23/2021

Revision number : 1

Endz-It

1. Identification

Product code: END

Product identifier: Endz-It

Product description: Multi-Enzyme Digestant & Spotter

Chemical family: Bacteria/detergent blend

Relevant identified uses: Multi-purpose spotter, deodorizer, drain maintainer, digestant.

Manufacturer / Supplier

MISCO Products Corporation

1048 Stinson Drive

Reading, PA 19605

Emergency Phone: 610-926-4106

Customer Service: 800-548-4568

Transportation: 800-548-4568

Emergency telephone number (24 hour)

CHEM-TEL (Medical and Transportation): 800-255-3924

POISON CONTROL CENTER (Medical): 800-222-1222

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Eye Irritation, Category 2B

Label elements

Signal word: WARNING

Hazard statement(s)

H320: Causes eye irritation.

Precautionary statement(s)

Prevention:

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

P102: Keep out of reach of children.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

Emergency overview

Physical appearance: White opaque liquid

Immediate concerns: Eye irritant

Potential health effects

Eye: Contact causes eye irritation.

Skin: May be mildly irritating with prolonged or repeated contact.

Skin absorption: None Expected.

Ingestion: Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Inhalation: None Expected.

Reproductive toxicity

Teratogenic effects: None known.

Carcinogenicity: No listed substance

Mutagenicity: None known.

Routes of entry: Ingestion, eye

Cancer statement: No listed substance

Warning caution labels: None

Comments health: Contact with open wounds, sores or eyes may cause infection unless areas are immediately flushed with clear water.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Nonoxynol	0 - 2	127087-87-0
Viable Bacterial Cultures	0 - 1	TS
Fragrance	0 - 1	TS
Dye	< 0.1	TS
Water	95 - 98	7732-18-5

4. First-aid measures

Eye: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Inhalation: No special requirements.

Most important symptoms and effects, both acute and delayed

Eye: Burning sensation with tearing, redness.

Skin: No known significant effects or critical hazards.

Ingestion: Stomach upset, vomiting.

Inhalation: No known significant effects or critical hazards.

Acute effects: None known.

Chronic effects: No known significant effects or critical hazards.

5. Fire-fighting measures

Flammable class: NA = Not Applicable

Suitable extinguishing media: No special requirements.

Explosion hazards: None

Fire fighting procedures: NA = Not Applicable

6. Accidental release measures

Small spill: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

Environmental precautions

Water spill: Avoid discharges into open waterways and notify your local emergency services if this occurs.

Land spill: Avoid discharge to soil.

Air spill: NA = Not Applicable

7. Handling and storage

General procedures: Close container after use.

Precautions for safe handling: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

Conditions for safe storage: Store in closed container in an area inaccessible to children.

Storage temperature: Store at ambient temperatures.

Storage pressure: Store at ambient atmospheric pressure.

8. Exposure controls/personal protection

Appropriate engineering controls: No special requirements.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses with side shields.

Skin protection - hand protection: No special requirements.

Respiratory protection: No special requirements.

Skin protection - other: NA = Not Applicable

9. Physical and chemical properties

Physical state: Liquid

Color: White emulsion

Odor: Bubblegum

Odor threshold: Not Established

pH: 6.5 to 8.0
Freezing point: 32° F; 0° C
Initial boiling point and boiling range: 212° F; 100° C
Flash point: None
Evaporation rate (n-butyl acetate = 1): (Water =1) 1.0
Lower explosion limit / flammability limit: N/A
Vapor pressure: ~ 20 mm Hg at (68°F)
Relative vapor density: > 1 Air = 1
Density: 8.35 at (68°F)
Relative density: 1.001 grams/ml.
Solubility: Complete
Auto-ignition temperature: NA = Not Applicable
Viscosity: Water thin.
Percent volatiles: >98
VOC content: None
Notes: Fragrance only

10. Stability and reactivity

Reactivity: Stable
Dangerous polymerization: Will not occur.
Chemical stability: No known significant effects or critical hazards.
Conditions to avoid: Strong oxidizing materials.
Hazardous decomposition products: None Expected.
Incompatible materials: Strong oxidizers

11. Toxicological information

Acute toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)
Nonoxynol	960 to 3980 mg/kg (rat)	4490 mg/kg (rabbit)

Acute dermal toxicity LD₅₀: No known significant effects or critical hazards.
Acute inhalation toxicity LC₅₀: No known significant effects or critical hazards.
Serious eye damage / irritation: Not Established
Respiratory or skin sensitization: No known significant effects or critical hazards.
Germ cell mutagenicity: No known significant effects or critical hazards.
Reproductive toxicity: No known significant effects or critical hazards.

12. Ecological information

Ecotoxicological information: Not Established
Aquatic toxicity, both acute and chronic: Not Established
Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Disposal methods: Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.
For large spills: Consult with local and state authorities for large volume disposal.
Product disposal: See above.
Empty container: Rinse container with clear water. Offer container for recycling, or dispose of in trash.
RCRA/EPA waste information: NA = Not Applicable

14. Transport information

USA Department of Transport Regulations (DOT)
UN proper shipping name: Not regulated.
U.S. Customs harmonization number: 3402.90.10.00
ICAO - air
UN proper shipping name: Not regulated.
IMDG - sea
UN proper shipping name: Not regulated.

15. Regulatory information

UNITED STATES
SARA Section 311/312 Hazard Categories
311/312 Health hazards: Health - Acute

313 reportable ingredients: None

EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.	Comments
Nonoxynol	0 - 2	127087-87-0	N535 Nonylphenol Ethoxylates

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: NA = Not Applicable

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: NA = Not Applicable

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All ingredients are listed on the TSCA Chemical Inventory.

States with special requirements

Chemical name	Requirements
Nonoxynol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

California Proposition 65: No listed substance

Carcinogen: No listed substance

16. Other information

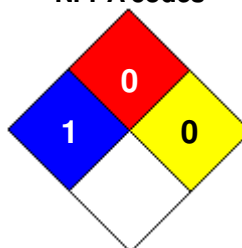
Prepared by: Regulatory Affairs Department Date revised: 11/23/2021

Revision summary: This SDS replaces the 12/17/2014 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health	1
Flammability	0
Physical hazard	0
Personal protection	A

NFPA codes



Manufacturer disclaimer: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.