

SOUTHLAND DISTRIBUTION & SALES

SAFETY DATA SHEET OSHA HCS (29 CFR 1910.1200) & UN GHS Classification

SECTION 1: IDENTIFICATION

Product Name: Clean and Clear Live Enzyme Evacuation System Cleaner
Synonyms: Clean and Clear
CAS Number: See Section 3
Product Use: Cleaning product
Manufacturer/Supplier: Southland Distribution & Sales
4003 Enterprise Court
Augusta, GA 30907
General Information: 800-880-0240
Transportation Emergency Number: 800-880-0240

SECTION 2: HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION: OSHA HCS (29 CFR 1910.1200)

Symbols: Hazard Symbol (Corrosives)

2.1 EMERGENCY OVERVIEW

Specific Physical Form: Liquid

Odor, Color, Grade: Blue color. Wintergreen odor.

General Physical Form: Liquid

Immediate health, physical and environmental hazards: Causes serious eye damage.

2.2 POTENTIAL HEALTH EFFECTS

Eye Contact: Category 1

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing and blurred or hazy vision.

Skin Contact: Category 1

Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching and dryness.

Inhalation: Category 2

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

Ingestion: Category 3

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Carcinogenic: This product contains one or more chemicals known to the State of California to cause, cancer, birth defects, and/or other reproductive harm.

2.3 POTENTIAL ENVIRONMENTAL EFFECTS

AQUATIC TOXICITY:

H402: Harmful to aquatic life. H412: Harmful to aquatic life with long lasting effects

ATMOSPHERIC FATE:

This product has Zero Ozone Depletion Potential (ODP).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
A proprietary dental handpiece cleaning solution.	Trade Secret	1 - 10

SECTION 4: FIRST-AID MEASURES**4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water for 15 minutes. Get immediate medical attention.

Skin Contact: Wash affected skin with soap and water. If symptoms occur obtain medical attention.

Inhalation: Remove person to fresh air. If symptoms occur obtain medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Most important symptoms and effects, both acute and delayed: Contains Subtilisin (CAS No. 9014-01-1). May cause allergy or asthma symptoms or breathing difficulties if inhaled.

4.2 NOTE TO PHYSICIANS

Exposures resulting from intentional misuse and abuse may cause an increase in myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: FIRE-FIGHTING MEASURES**Extinguishing Media**

- | | |
|----------------------------------|---|
| - Suitable Extinguishing Media | Non-combustible. As appropriate for surrounding fire. |
| - Unsuitable Extinguishing Media | None anticipated. |

Special hazards arising from the substance or mixture

None

Advice for Fire-fighters

Fire fighters should wear complete protective clothing, Including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Do not get in eyes.

Environmental precautions

Prevent substance entering sewers.

Methods and material for containment and cleaning up

Contain and cover spilled substance with dry sand or earth

or other suitable dry material. Transfer to a container for disposal or recovery.

Reference to other sections None

Additional information None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Do not get in eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any Incompatibilities

- **Storage temperature** Store at room temperature
- **Incompatible materials** None
- Specific end use(s)** Cleaning Product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS- Not required.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact with vapors, mists or spray. The following eye protection(s) are recommended: Safety Glasses with side shields.

8.2.2 Skin Protection

Protective gloves recommended (PVC, Nitrile rubber, Neoprene, Butyl rubber).

8.2.3 Respiratory Protection

No special requirements under ordinary use conditions and with adequate ventilation. Check with protective equipment manufacturer's data.

8.2.4 Ventilation

Good room ventilation should be sufficient. No special requirements under ordinary use conditions.

8.2.5 Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color	Clear Blue
Odor	Slight Mint
Odor Threshold (ppm)	Not available
pH (Value)	9.0
Melting Point (°C) / Freezing Point (°C)	~0 (32°F)
Boiling Point/boiling range (°C)	~100 (212° F)
Flash Point (°C)	Non-combustible
Evaporation Rate	~that of water

Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not applicable
Vapor Pressure	~that of water
Vapor Density (Air=1)	~that of water
Density (g/ml)	Not available
Solubility (Water)	Soluble
Solubility (Other)	Not known
Partition Coefficient (nOctanol/water)	Not available
Auto Ignition Point (°C)	Non-combustible
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt) @ 40°C	Not available
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical Stability	Stable
Possibility of Hazardous Reactions	None anticipated.
Conditions to Avoid	None known
Incompatible materials	None
Hazardous decomposition product(s)	Carbon monoxide, carbon dioxide, Other

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

Acute toxicity (calculated/estimated)	Oral LD50>2000 mg/kg Dermal LD50>2000 mg/kg Inhalation LCC50>20 mg/L (4 hr.)
Irritation / Corrosivity	Causes serious eye damage. Unlikely to cause skin irritation.
Sensitization	Contains: Subtilisin (CAS No. 9014-01-1). May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Repeated dose toxicity	Not to be expected
Carcinogenicity	It is unlikely to present a carcinogenic hazard to humans.
Mutagenicity	Not to be expected.
Toxicity for reproduction	Not to be expected.

SECTION 12: ECOLOGICAL INFORMATION* (non-mandatory)

SECTION 13: DISPOSAL CONSIDERATIONS* (non-mandatory)

SECTION 14: TRANSPORT INFORMATION* (non-mandatory)

SECTION 15: REGULATORY INFORMATION* (non-mandatory)

**** Note:** Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29CFR 1910.1200 (g) (2)).

SECTION 16: OTHER INFORMATION

Additional Information: None

Date of Preparation: September 26, 2014

The following sections contain revisions or new statements: 1 – 16

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