**1 Identification**

- **Product identifier**
  - **Trade name:** Sani-Treet Green
  - **Product description**
    Environmentally and user friendly evacuation system cleaner, instrument presoak and ultrasonic cleaning solution designed for the dental, medical industries and veterinary industries. This product is a liquid with green coloring and lemongrass-lavender scent.

- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Enzyme Industries of the U.S.A., Inc.
    P.O. Box 2242
    2090 James Parkway
    Heath, OH 43056
    Phone: (740) 929-4975
    Fax: (740) 929-4836
    www.enzymeindustries.com

**2 Hazard(s) identification**

- **Classification of the substance or mixture**
  The product is not classified according to the Globally Harmonized System (GHS).

- **Label elements**
  - **GHS label elements** Non-Regulated Material
  - **Hazard pictograms** Non-Regulated Material
  - **Signal word** Non-Regulated Material
  - **Hazard statements** Non-Regulated Material

- **Classification system:**
  - **NFPA ratings (scale 0 - 4)**
    - Health = 0
    - Fire = 0
    - Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**
  - HEALTH
    - Health = 0
  - FIRE
    - Fire = 0
  - REACTIVITY
    - Reactivity = 0

**3 Composition/information on ingredients**

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous Components:**
  - Trade Secret
    - Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335
      ≤ 2.5%
  - Trade Secret
    - Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2B, H320
      ≤ 2.5%

(Contd. on page 2)
Trade name: Sani-Treet Green

4 First-aid measures

· Description of first aid measures
  · General information: No special measures required.
  · After inhalation:
    Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
    In case of unconsciousness, place patient securely on side position for transportation.
  · After skin contact: Generally the product does not irritate the skin.
  · After eye contact: Rinse opened eye for several minutes under running water.
  · After swallowing: Give large amounts of water. If symptoms persist consult doctor.

· Most important symptoms and effects, both acute and delayed
  No further relevant information available.

· Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
  · Suitable extinguishing agents:
    CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  · Special hazards arising from the substance or mixture
    No further relevant information available.
  · Advice for firefighters
  · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures
  Not required.

· Environmental precautions: No special measures required.

· Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to section 13.
  Ensure adequate ventilation.

· Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

· Precautions for safe handling
  Ensure good ventilation/exhaustion at the workplace.
  Prevent formation of aerosols.

· Information about protection against explosions and fires: No special measures required.

· Conditions for safe storage, including any incompatibilities

· Storage:
  · Requirements to be met by storerooms and receptacles: No special requirements.
  · Information about storage in one common storage facility: Not required.
  · Further information about storage conditions: Keep receptacle tightly sealed.
  · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see section 7.
Control parameters
Components with occupational exposure limits:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information: The lists that were valid during the creation were used as basis.

Exposure controls
Personal protective equipment:
General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Breathing equipment: Not required.
Protection of hands: Not required.
Eye protection: Goggles recommended during refilling.

9 Physical and chemical properties

Information on basic physical and chemical properties
General Information
Appearance:
Form: Liquid
Color: Green
Odor: Lemongrass lavender
Odor threshold: Not determined.
pH of applied solution: 6.0-8.0 - Link to pH analysis of applied solution
pH-value @ 20 °C (68 °F): 4.2
Change in condition
Melting point/Melting range: Not determined
Boiling point/Boiling range: 100 °C (212 °F)
Flash point: Not applicable.
Flammability (solid, gaseous): Not applicable.
Ignition temperature:
Decomposition temperature: Not determined.
Auto igniting: Product is not selfigniting.
Danger of explosion: Product does not present an explosion hazard.
Explosion limits:
Lower: 0.0 Vol %
Upper: 0.0 Vol %
Vapor pressure @ 20 °C (68 °F): 23 hPa (17 mm Hg)
Density @ 20 °C (68 °F): 1 g/cm³ (8.345 lbs/gal)
Relative density Not determined.
Vapour density Not determined.
Evaporation rate Not determined.
Solubility in / Miscibility with Water: Fully miscible.
Partition coefficient (n-octanol/water): Not determined.
Safety Data Sheet (SDS)

Printing date 06/14/2018 Reviewed on 06/14/2018

Trade name: Sani-Treet Green

(Contd. of page 3)

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided**: No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials**: No further relevant information available.
- **Hazardous decomposition products**: No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**
  - **Primary irritant effect**:
    - **on the skin**: No irritant effect.
    - **on the eye**: No irritating effect.
  - **Additional toxicological information**: The product shows the following dangers according to internally approved calculation methods for preparations:
    Harmful
- **Carcinogenic categories**
  - **IARC (International Agency for Research on Cancer)**
    None of the ingredients is listed.
  - **NTP (National Toxicology Program)**
    None of the ingredients is listed.
  - **OSHA-Ca (Occupational Safety & Health Administration)**
    None of the ingredients is listed.

12 Ecological information

- **Toxicity**
  - **Aquatic toxicity**: No further relevant information available.
  - **Persistence and degradability**: No further relevant information available.
  - **Bioaccumulative potential**: No further relevant information available.
  - **Mobility in soil**: No further relevant information available.
  - **Additional ecological information**:
  - **General notes**: Water hazard class 1 (Self-assessment): slightly hazardous for water

(Contd. on page 5)
Trade name: Sani-Treet Green

- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

### 13 Disposal considerations

- Waste treatment methods:
  - Recommendation: Recycle or dispose with household trash.
- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agent: Water, if necessary with cleansing agents.

### 14 Transport information

- UN-Number: Non-Regulated Material
- DOT, ADR, ADN, IMDG, IATA: Non-Regulated Material
- UN proper shipping name: Non-Regulated Material
- DOT, ADR, ADN, IMDG, IATA: Non-Regulated Material
- Transport hazard class(es):
- DOT, ADR, ADN, IMDG, IATA: Non-Regulated Material
- Class: Non-Regulated Material
- Packing group: Non-Regulated Material
- DOT, ADR, IMGD, IATA: Non-Regulated Material
- Environmental hazards:
  - Marine pollutant: No
  - Special precautions for user: Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.
- UN "Model Regulation": -

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara
  - Section 355 (extremely hazardous substances):
    - None of the ingredients is listed.
  - Section 313 (Specific toxic chemical listings):
    - Trade Secret
- TSCA (Toxic Substances Control Act):
  - Trade Secret
  - Trade Secret
  - 112-42-5 undecan-1-ol
  - 64-19-7 Glacial Acidic Acid
  - 7732-18-5 water, distilled, conductivity or of similar purity
- Proposition 65
  - Chemicals known to cause cancer:
    - None of the ingredients is listed.
Trade name: Sani-Treet Green

- **Chemicals known to cause reproductive toxicity for females:**
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  None of the ingredients is listed.

- **Carcinogenic categories**
  - **EPA (Environmental Protection Agency)**
    None of the ingredients is listed.
  - **TLV (Threshold Limit Value established by ACGIH)**
    None of the ingredients is listed.
  - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
    None of the ingredients is listed.

- **GHS label elements**
  - **Non-Regulated Material**
  - **Hazard pictograms**
    - **Non-Regulated Material**
  - **Signal word**
    - **Non-Regulated Material**
  - **Hazard statements**
    - **Non-Regulated Material**

- **National regulations:**
  The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

- **State Right to Know**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret</td>
<td>≤ 2.5%</td>
</tr>
<tr>
<td>✷ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335</td>
<td></td>
</tr>
<tr>
<td>Trade Secret</td>
<td>≤ 2.5%</td>
</tr>
<tr>
<td>✷ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2B, H320</td>
<td></td>
</tr>
<tr>
<td>112-42-5 undecan-1-ol</td>
<td>≤ 2.5%</td>
</tr>
<tr>
<td>SILICONE EMULSION</td>
<td></td>
</tr>
<tr>
<td>Glacial Acidic Acid</td>
<td>≤ 2.5%</td>
</tr>
<tr>
<td>✷ Flam. Liq. 3, H226; ✷ Skin Corr. 1A, H314</td>
<td></td>
</tr>
<tr>
<td>7732-18-5 water, distilled, conductivity or of similar purity</td>
<td>90-99%</td>
</tr>
</tbody>
</table>

  All ingredients are listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision** 07/09/2014 / 6

- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
Trade name: Sani-Treet Green

- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- Acute Tox. 4: Acute toxicity, Hazard Category 4
- Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
- Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
- Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
- STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

* Data compared to the previous version altered.

SDS / MSDS Created by MSDS Authoring Services (www.MSDSAuthoring.com)