Safety Data Sheet (SDS)

Printing date 12/08/2015 Reviewed on 12/08/2015

* 1 Identification
  
  · Product identifier
  · Trade name: Sani-Soak Ultra - Cool Mint
  · Product description
    Anti-corrosive instruments presoak, ultrasonic cleaning solution and evacuation system cleaner designed for the dental, medical industries and veterinary industries. This product is a liquid with blue coloring and a cool mint 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
    · Emergency telephone number: (740) 929-4975

* 2 Hazard(s) identification
  
  · Classification of the substance or mixture
    !
    Causes skin irritation.
    Causes eye irritation.
  · Label elements
    · GHS label elements
      The product is classified and labeled according to the Globally Harmonized System (GHS).
    · Hazard pictograms
      GHS07

  · Signal word Warning
  · Hazard statements
    Causes skin and eye irritation.
  · Precautionary statements
    Wear protective gloves/protection clothing/eye protection/face protection.
    Wash thoroughly after handling.
    IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
    Specific treatment (see on this label).
    Take off contaminated clothing and wash before reuse.
    If skin irritation occurs: Get medical advice/attention.
    If eye irritation persists: Get medical advice/attention.
    IF ON SKIN: Wash with plenty of water.

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- Classification system:
  - NFPA ratings (scale 0 - 4)
    - Health = 1
    - Fire = 1
    - Reactivity = 0

  - HMIS-ratings (scale 0 - 4)
    - HEALTH 1
    - Health = 1
    - FIRE 1
    - Fire = 1
    - REACTIVITY 0
    - Reactivity = 0

3 Composition/information on ingredients

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

4 Dangerous components:

<table>
<thead>
<tr>
<th>Trade Secret</th>
<th>15-35%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320</td>
<td></td>
</tr>
</tbody>
</table>

5 First-tox measures

- Description of first aid measures
  - General information:
    - Symptoms may even occur after several hours; therefore observe area affected for at least 48 hours after the accident.
  - 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:
    - Immediately wash with water and soap and rinse thoroughly.
  - After eye contact:
    - Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - 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.

6 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents: Use fire fighting measures that suit the environment.
  - Special hazards arising from the substance or mixture
    - No further relevant information available.
  - Advice for firefighters
  - Protective equipment: Mouth respiratory protective device.

7 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 (i.e. sand, diatomite, acid binders, universal binders, sawdust).
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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.
    - Immediately remove all soiled and contaminated clothing.
    - Wash hands before breaks and at the end of work.
    - Avoid contact with the eyes and skin.
  - Breathing equipment: Not required.
  - Protection of hands:

  Protective gloves

  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Select glove material based on penetration times, rates of diffusion and degradation.

- Material of gloves
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
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**Penetration time of glove material**
The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

**Eye protection**: Tightly sealed goggles

### 9 Physical and chemical properties

**Information on basic physical and chemical properties**

**General Information**

- **Appearance:**
  - **Form:** Liquid
  - **Color:** Blue
- **Odor:** Cool Mint
- **Odor threshold:** Not determined.
- **pH-value @ 20 °C (68 °F):** 8.5
- **Change in condition**
  - **Melting point/Melting range:** Not determined.
  - **Boiling point/Boiling range:** 100 °C (212 °F)
- **Flash point:** 100 °C (212 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 317 °C (603 °F)
- **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:** 12.6 Vol %

- **Vapor pressure @ 20 °C (68 °F):** 23 hPa (17 mm Hg)
- **Density @ 20 °C (68 °F):** 1.08 g/cm³ (9.013 lbs/gal)
- **Relative density**
- **Vapour density**
- **Evaporation rate**
- **Solubility in / Miscibility with**
  - Water: Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.

**Viscosity:**

- **Dynamic:** Not determined.
- **Kinematic:** Not determined.

**Solvent content:**

- **Organic solvents:** 12.5 %
- **Water:** 50.2 %
- **VOC content:** 49.8 %

**Other information**

No further relevant information available.

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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.

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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
  - DOT, ADR, ADN, IATA
  - IMDG

- UN proper shipping name
  - DOT, ADR, ADN, IMDG, IATA

- Transport hazard class(es)
  - DOT, ADR, ADN, IMDG, IATA

- Class
  - DOT, ADR, ADN, IMDG, IATA

- Packing group
  - DOT, ADR, IMDG, IATA

- 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):
    - None of the ingredients is listed.

  - TSCA (Toxic Substances Control Act):
    - All ingredients are listed.

  - Proposition 65

    - Chemicals known to cause cancer:
      - None of the ingredients is listed.

    - 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.
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- **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**
  The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**
  GHS07

- **Signal word** Warning
- **Hazard statements**
  Causes skin and eye irritation.
- **Precautionary statements**
  Wear protective gloves/protective clothing/eye protection/face protection.
  Wash thoroughly after handling.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Specific treatment (see on this label).
  Take off contaminated clothing and wash before reuse.
  If skin irritation occurs: Get medical advice/attention.
  If eye irritation persists: Get medical advice/attention.
  IF ON SKIN: Wash with plenty of water.

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

- **State Right to Know**
  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** 06/12/2014 / 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)

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HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
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.

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