Material Safety Data Sheet  Dr. Disinfectant (Multi-Enzyme Detergent)

1. Substance/preparation and company designation

Trade name : Dr. Disinfectant (Multi-Enzyme Detergent)
Address : Saudi Mais co. for medical products
          P.O. Box: 3900 – Riyadh 14335 – 7599 – Saudi Arabia Tel. : +966 11
          2650184 Fax : 2650139 3rd Industrial Area, Al-kharj Road, Street No. 256
Date of issue : Nov 2019

2. Composition/information to ingredients

Product type : surgical instruments cleaning
Application : Enzymatic system concentrated formula for cleaning of medical instruments

<table>
<thead>
<tr>
<th>Dangerous substances contained:</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enzyme</td>
<td>1 – 7%</td>
</tr>
<tr>
<td>Surfactant</td>
<td>1.0 – 10 %</td>
</tr>
</tbody>
</table>

3. Possible dangers

EMERGENCY OVERVIEW

GHS classification
Product AS SOLD
Respiratory sensitization : Category 1

Product AT USE DILUTION
Not a hazardous substance or mixture.

GHS Label element
Product AS SOLD
Hazard pictograms.

Signal Word : Danger
Hazard Statements : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary Statements : Prevention:
Response:
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Product AT USE DILUTION Precautionary Statements : Prevention:
Wash hands thoroughly after handling.
Response:
Get medical advice/ attention if you feel unwell.
Storage:
Store in accordance with local regulations.
4. **First aid measures**

**Product AS SOLD**

**Other hazards**: Do not mix with bleach or other chlorinated products – will cause chlorine gas.

**Product AS SOLD**

**4. First aid measures**

**In case of eye contact**: Rinse with plenty of water.

**In case of skin contact**: Rinse with plenty of water.

**If swallowed**: Rinse mouth. Get medical attention if symptoms occur.

**Contact the Poison's Information Centre**

**If inhaled**: Remove to fresh air. Treat symptomatically. Get medical attention.

**Protection of first-aiders**: If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Notes to physician**: Treat symptomatically.

**Most important symptoms and effect both acute and delayed**: See Section 11 for more detailed information on health effects and symptoms.

**Product AT USE DILUTION**

**In case of eye contact**: Rinse with plenty of water.

**In case of skin contact**: Rinse with plenty of water.

**If swallowed**: Rinse mouth. Get medical attention if symptoms occur.

**Contact the poison’s Information Centre (ex Australia 13 1126; New Zealand 0800 764 766).**

**If inhaled**: Get medical attention if symptoms occur.

5. **Fire-fighting measures**

**Product AS SOLD**

**Suitable extinguishing media**: Use extinguishing measures that are appropriate to local concentrations and the surrounding environment.

**Unsuitable extinguishing media**: None known.

**Specific hazards during firefighting**

**Hayardox combustion products**: Not flammable or combustible.

**Decomposition products may include the following materials:**

- carbon oxides
- nitrogen oxides (NOx)

**Special protection equipment for firefighters**: In case of fire, wear a full festive-pressure self contained breaking apparatus and protective suit.

**Specific extinguishing methods**: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and explosion do not breathe fumes.
**Product AS SOLD**

Personal precautions, protective equipment and emergency procedures: Ensure clean-up is conducted by examined personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 3). For large spills, dike pillled material or otherwise contain material to ensure runoff does not reach a waterway.

### 6. Measures in case of accidental release

Flush small amounts to the drain. Contain and collect large amounts and dispose as permitted by all federal, provincial, state, and local regulatory authorities.

### 7. Storage and handling

Store in a cool, dry area. Keep from freezing.

Keep container closed when not in use.

Keep out of reach of children.

### 8. Exposure controls and personal protection

**Eye Protection:** Wear safety glasses or goggles.

**Skin Protection:** Use rubber gloves. Wash well after handling.

**Respiratory Protection:** No special requirements are needed for this material.

### 9. Physical and chemical characteristics:

<table>
<thead>
<tr>
<th>Property</th>
<th>Product AS SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>clear, dark blue</td>
<td>light blue</td>
</tr>
<tr>
<td>Odour</td>
<td>odourless</td>
<td>odourless</td>
</tr>
<tr>
<td>pH</td>
<td>x.0 - 8.0, 100 %</td>
<td>7.0 - 8.0</td>
</tr>
<tr>
<td>flash point</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Odour Thrxshold</td>
<td>no date available</td>
<td></td>
</tr>
<tr>
<td>melting point ,freezing point</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>100 °C</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>upper explosion limit</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>vapour pressure</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>1.x3 - x.07</td>
<td></td>
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<tr>
<td>Water solubility</td>
<td>no data available</td>
<td></td>
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</tbody>
</table>
solubility in other solvents: no data available
Partition coefficient: n-octanol/water: no data available
Auto-ignition temperature: no data available
Thermal decomposition: no data available
Viscosity: no data available
Explosive properties: no data available
Oxidizing properties: no data available
Molecular weight: no data available
VOC: no data available

10. Stability and reactivity
Stability: Stable under normal conditions of handling
Hazardous Polymerization: Will not occur
Conditions to avoid: Strong oxidizers, excessive heat

11. Toxicological information
No data

12. Ecological information
No data

13. Refuse disposal method
Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control regulations

14. Information for transport
U.S. Department of Transportation
Not dangerous goods.
U.S Hazmat and/or International DG shipment exceptions
Not dangerous Goods.
Reportable Quantity Description:
Not dangerous goods.
International Air Transport Association (IATA):
Not dangerous goods.
International Maritime Organization (IMO):
Not dangerous goods.

15. Regulations
Label: Dr. Disinfectant (Multi-Enzyme Detergent)
Classification: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
Ref. No.: MD-2130G

16. Other data
The above information is given to the best of our knowledge and belief. The data is partially taken from the literature (different sources). For further information

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