

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Elsan anti-bacterial double toilet rinse

Revision 4

Revision date 2015-05-14

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

|                               |  |
|-------------------------------|--|
| Product name                  | Elsan anti-bacterial double toilet rinse |
| Other means of identification | +DRIN400, +DRIN01, +DRIN02               |
| Product code                  | TF-26                                    |

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|             |   |
|-------------|---|
| Product Use | [SU21] Consumer uses: Private households (= general public = consumers); [PC35] Washing and cleaning products (including solvent based products); |
|-------------|---|

#### 1.3. Details of the supplier of the safety data sheet

|                                       |  |
|---------------------------------------|--|
| Company                               | Elsan Limited  |
| Address                               | Bellbrook Park,<br>Uckfield,<br>East Sussex TN22 1QF,<br>England |
| Web                                   | www.elsan.co.uk  |
| Telephone                             | +44 (0) 1825 748200  |
| Fax                                   | +44 (0) 1825 761212  |
| Email                                 | sales@elsan.co.uk  |
| Email address of the competent person | sales@elsan.co.uk  |

#### 1.4. Emergency telephone number


|                            |  |
|----------------------------|--|
| Emergency telephone number | +44 (0) 1825 748200<br>9.00 am - 5.00 pm Mon - Fri |
|----------------------------|--|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| 2.1.1. Classification - 67/548/EEC   | Xi; R36<br>Symbols: Xi: Irritant. |
| Main hazards                         | Irritating to eyes.               |
| 2.1.2. Classification - EC 1272/2008 | Eye Irrit. 2: H319;               |

#### 2.2. Label elements

|                                     |  |
|-------------------------------------|--|
| Hazard pictograms                   |           |
| Signal Word                         | Warning  |
| Hazard Statement                    | Eye Irrit. 2: H319 - Causes serious eye irritation.  |
| Precautionary Statement: Prevention | P102 - Keep out of reach of children.<br>P262 - Do not get in eyes, on skin, or on clothing. |

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## 2.2. Label elements

|  |  |
|--|--|
| <b>Precautionary Statement:<br/>Response</b> | P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337+P313 - If eye irritation persists: Get medical advice/attention. |
| <b>Precautionary Statement:<br/>Storage</b>  | P403+P233 - Store in a well-ventilated place. Keep container tightly closed.   |

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

| Chemical Name               | Index No.    | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification                  | M-factor. |
|-----------------------------|--------------|------------|-----------|---------------------------|--------------|---------------------------------|-----------|
| C12-15 Pareth-11            |              | 68131-39-5 | 500-195-7 |                           |              | Xn; R22 Xi; R41                 |           |
| Benzalkonium chloride       | 612-140-00-5 | 63449-41-2 | 264-151-6 |                           |              | Xn; R21/22 C; R34 N; R50        |           |
| Limonene                    | 601-029-00-7 | 138-86-3   | 205-341-0 |                           |              | R10 Xi; R38 R43 N; R50/53       |           |
| Hexyl Cinnamal              |              | 101-86-0   | 202-983-3 |                           |              | Xi; R38-43                      |           |
| Butylphenyl methylpropional |              | 80-54-6    | 201-289-8 |                           |              | Xn; R22-62 Xi; R38-43 N; R51/53 |           |
| Benzyl Salicylate           |              | 118-58-1   | 204-262-9 |                           |              | Xi; R43 N; R51/53               |           |
| Linalool                    |              | 78-70-6    | 201-134-4 |                           |              | Xi; R38                         |           |
| Eugenol                     |              | 97-53-0    | 202-589-1 |                           |              | Xi; R36-43                      |           |

## EC 1272/2008

| Chemical Name               | Index No.    | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification  | M-factor. |
|-----------------------------|--------------|------------|-----------|---------------------------|--------------|---|-----------|
| C12-15 Pareth-11            |              | 68131-39-5 | 500-195-7 |                           |              | Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 3: H412;                      |           |
| Benzalkonium chloride       | 612-140-00-5 | 63449-41-2 | 264-151-6 |                           |              | Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; |           |
| Limonene                    | 601-029-00-7 | 138-86-3   | 205-341-0 |                           |              | Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; |           |
| Hexyl Cinnamal              |              | 101-86-0   | 202-983-3 |                           |              | Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1: H317;                   |           |
| Butylphenyl methylpropional |              | 80-54-6    | 201-289-8 |                           |              | Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317;                        |           |
| Benzyl Salicylate           |              | 118-58-1   | 204-262-9 |                           |              | Aquatic Chronic 2: H411; Skin Sens. 1: H317; Aquatic Chronic 2: H411;               |           |
| Linalool                    |              | 78-70-6    | 201-134-4 |                           |              | Skin Irrit. 2: H315; Eye Irrit. 2: H319;  |           |
| Eugenol                     |              | 97-53-0    | 202-589-1 |                           |              | Skin Sens. 1: H317; Eye Irrit. 2: H319;   |           |

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.   |
| <b>Eye contact</b>  | Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.   |
| <b>Skin contact</b> | Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.   |
| <b>Ingestion</b>    | Harmful if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING. |

## 4.2. Most important symptoms and effects, both acute and delayed

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**4.2. Most important symptoms and effects, both acute and delayed**

|              |   |
|--------------|---|
| Inhalation   | Coughing, difficulty in breathing and in severe cases, loss of consciousness. |
| Eye contact  | Irritating to eyes.   |
| Skin contact | Irritating to skin.   |
| Ingestion    | Ingestion may cause nausea and vomiting.                                      |

**4.3. Indication of any immediate medical attention and special treatment needed**

|              |                         |
|--------------|-------------------------|
| Inhalation   | Seek medical attention. |
| Eye contact  | Seek medical attention. |
| Skin contact | Seek medical attention. |
| Ingestion    | Seek medical attention. |

**General information**

|  |   |
|--|---|
|  | Consult a physician. Show this safety data sheet to the doctor in attendance. |
|--|---|

**Further information**

|  |                                      |
|--|--------------------------------------|
|  | No additional information available. |
|--|--------------------------------------|

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

|  |   |
|--|---|
|  | Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Foam. Use extinguishing media appropriate to the surrounding fire conditions. Water spray. |
|--|---|

**5.2. Special hazards arising from the substance or mixture**

|  |   |
|--|---|
|  | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

**5.3. Advice for firefighters**

|  |   |
|--|---|
|  | Wear suitable respiratory equipment when necessary. |
|--|---|

**Further information**

|  |                                      |
|--|--------------------------------------|
|  | No additional information available. |
|--|--------------------------------------|

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

|  |  |
|--|--|
|  | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--|

**6.2. Environmental precautions**

|  |   |
|--|---|
|  | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

**6.3. Methods and material for containment and cleaning up**

|  |   |
|--|---|
|  | Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

**6.4. Reference to other sections**

|  |                              |
|--|------------------------------|
|  | For disposal see section 13. |
|--|------------------------------|

**Further information**

|  |                                      |
|--|--------------------------------------|
|  | No additional information available. |
|--|--------------------------------------|

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

|  |  |
|--|--|
|  | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. |
|--|--|

**7.2. Conditions for safe storage, including any incompatibilities**

|  |   |
|--|---|
|  | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Keep away from food, drink and animal feedingstuffs. |
|--|---|

**Suitable packaging**

|  |   |
|--|---|
|  | Keep only in the original container in a cool, well-ventilated place. |
|--|---|

**7.3. Specific end use(s)**

|  |   |
|--|---|
|  | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. |
|--|---|

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|                            |                                      |
|----------------------------|--------------------------------------|
| <b>Further information</b> |                                      |
|                            | No additional information available. |

### SECTION 8: Exposure controls/personal protection

|                                |  |
|--------------------------------|--|
| <b>8.1. Control parameters</b> |  |
|                                | See section 8.2 for further information. |

#### 8.2. Exposure controls

|  |   |
|--|---|
|  |  |
| <b>8.2.1. Appropriate engineering controls</b> | Ensure adequate ventilation of the working area.                                  |
| <b>8.2.2. Individual protection measures</b>   | Wear chemical protective clothing.  |
| <b>Eye / face protection</b>                   | Approved safety goggles.  |
| <b>Skin protection - Handprotection</b>        | Chemical resistant gloves.  |
| <b>Respiratory protection</b>                  | Wear: Suitable respiratory equipment.   |
| <b>Thermal hazards</b>                         | No data available.  |
| <b>8.2.3. Environmental exposure controls</b>  | No data available.  |
| <b>Occupational exposure controls</b>          | No data available.  |

|                            |                                      |
|----------------------------|--------------------------------------|
| <b>Further information</b> |                                      |
|                            | No additional information available. |

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                                  |  |
|----------------------------------|--|
| <b>Appearance</b>                | Liquid                                   |
| <b>Colour</b>                    | Pink                                     |
| <b>Odour</b>                     | Characteristic                           |
| <b>Odour threshold</b>           | No data available                        |
| <b>pH</b>                        | 7 - 8                                    |
| <b>Melting point</b>             | Not applicable.                          |
| <b>Freezing Point</b>            | No data available                        |
| <b>Initial boiling point</b>     | No data available                        |
| <b>Flash point</b>               | Not applicable.                          |
| <b>Evaporation rate</b>          | No data available                        |
| <b>Flammability (solid, gas)</b> | Not applicable.                          |
| <b>Vapour pressure</b>           | No data available                        |
| <b>Vapour density</b>            | Not applicable.                          |
| <b>Relative density</b>          | 1 - 1.005 (H <sub>2</sub> O = 1 @ 20 °C) |
| <b>Fat Solubility</b>            | No data available                        |
| <b>Partition coefficient</b>     | No data available                        |
| <b>Autoignition temperature</b>  | Not applicable.                          |
| <b>Viscosity</b>                 | 21 sec. 4 mm (ISO 2431)                  |
| <b>Explosive properties</b>      | Not applicable.                          |
| <b>Oxidising properties</b>      | Not applicable.                          |
| <b>Solubility</b>                | Miscible in water                        |

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## 9.2. Other information

|                                  |                   |
|----------------------------------|-------------------|
| Conductivity                     | No data available |
| Surface tension                  | No data available |
| Gas group                        | Not applicable.   |
| Benzene Content                  | Not applicable.   |
| Lead content                     | Not applicable.   |
| VOC (Volatile organic compounds) | Not applicable.   |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

No data is available on this product.

## 10.2. Chemical stability

Stable under recommended storage conditions.

## 10.3. Possibility of hazardous reactions

No data is available on this product.

## 10.4. Conditions to avoid

No data is available on this product.

## 10.5. Incompatible materials

No data is available on this product.

## 10.6. Hazardous decomposition products

No data is available on this product.

## Further information

No additional information available.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

No data is available on this product.

## Acute toxicity

May cause irritation to skin and eyes.

## 11.1.2. Mixtures

No data available.

## 11.1.3. Hazard Information

No data available.

## 11.1.4. Toxicological Information

No data available

## 11.1.5. Hazard Class

No data available.

## 11.1.6. Classification Criteria

No data available.

## 11.1.7. Information on likely routes of exposure

No data available.

## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

No data available.

## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available.

## 11.1.10. Interactive effects

No data available.

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**11.1.11. Absence of specific data**

No data available.

**11.1.12. Mixture versus substance information**

No data available.

**11.1.13. Other information**

No data available.

**Further information**

No additional information available.

**SECTION 12: Ecological information****12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

No data is available on this product.

**12.3. Bioaccumulative potential**

No data is available on this product.

**12.4. Mobility in soil**

No data is available on this product.

**12.5. Results of PBT and vPvB assessment**

No data is available on this product.

**12.6. Other adverse effects**

No data is available on this product.

**Further information**

No additional information available.

**SECTION 13: Disposal considerations****General information**

Dispose of in compliance with all local and national regulations.

**Disposal methods**

This material and its container must be disposed of in a safe way.

**Disposal of packaging**

Containers must be recycled in compliance with national legislation and environmental regulations.

**Further information**

No additional information available.

**SECTION 14: Transport information****ADR/RID**

The product is not classified as dangerous for carriage.

**IMDG**

The product is not classified as dangerous for carriage.

**IATA**

The product is not classified as dangerous for carriage.

**Further information**

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|                    |   |
|--------------------|---|
| <b>Regulations</b> | COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents. |
|--------------------|---|

## 15.2. Chemical safety assessment

|  |  |
|--|--|
|  | For this product a chemical safety assessment was not carried out. |
|--|--|

## Further information

|  |                                      |
|--|--------------------------------------|
|  | No additional information available. |
|--|--------------------------------------|

## SECTION 16: Other information

## Other information

|   |   |
|---|---|
| <b>Text of risk phrases in Section 3</b>      | R10 - Flammable<br>R21/22 - Harmful in contact with skin and if swallowed.<br>R22 - Harmful if swallowed.<br>R34 - Causes burns.<br>R36 - Irritating to eyes.<br>R38 - Irritating to skin.<br>R41 - Risk of serious damage to eyes.<br>R43 - May cause sensitisation by skin contact.<br>R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.<br>R50 - Very toxic to aquatic organisms.<br>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.<br>R62 - Possible risk of impaired fertility.  |
| <b>Text of Hazard Statements in Section 3</b> | Acute Tox. 4: H302 - Harmful if swallowed.<br>Eye Dam. 1: H318 - Causes serious eye damage.<br>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.<br>Acute Tox. 4: H312 - Harmful in contact with skin.<br>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.<br>Aquatic Acute 1: H400 - Very toxic to aquatic life.<br>Flam. Liq. 3: H226 - Flammable liquid and vapour.<br>Skin Irrit. 2: H315 - Causes skin irritation.<br>Skin Sens. 1: H317 - May cause an allergic skin reaction.<br>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.<br>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.<br>Eye Irrit. 2: H319 - Causes serious eye irritation. |
| <b>Further information</b>                    | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.  |