SAFETY DATA SHEET
Impression Disinfectant Spray

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: IMPRESSION DISINFECTANT SPRAY

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

Use of substance / mixture: PC8: Biocidal products (e.g. Disinfectants, pest control).

1.3. Details of the supplier of the safety data sheet

Company name: UNODENT
UnoDent Ltd
feedback@unodent.com
UnoDent Ltd,
10 Perry Way, Witham,
Essex, United Kingdom,
CM8 3SX.
(01376) 500582

1.4. Emergency telephone number

Emergency tel: (01376) 500582

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Flam. Liq. 3: H226

Most important adverse effects: Harmful to aquatic life with long lasting effects. Causes serious eye irritation. Flammable liquid and vapour.

2.2. Label elements

Label elements:

Hazard statements: H412: Harmful to aquatic life with long lasting effects.
H319: Causes serious eye irritation.
H226: Flammable liquid and vapour.

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark

Signal words: Warning

[cont...]
Precautionary statements:
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P403: Store in a well-ventilated place.
P235: Keep cool.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P233: Keep container tightly closed.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

<table>
<thead>
<tr>
<th>ETHANOL</th>
<th>EINECS</th>
<th>CAS</th>
<th>PBT / WEL</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>200-578-6</td>
<td>64-17-5</td>
<td>Substance with a Community workplace exposure limit.</td>
<td>Flam. Liq. 2: H225</td>
<td>30-40%</td>
</tr>
<tr>
<td>DIDECYL DIMETHYL AMMONIUM CHLORIDE</td>
<td>230-525-2</td>
<td>7173-51-5</td>
<td>-</td>
<td>Skin Corr. 1B: H314; Aquatic Acute 1: H400; Eye Dam. 1: H318; Aquatic Chronic 2: H411; Acute Tox. 4: H302</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No symptoms.

[cont...]
4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media


5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.

7.3. Specific end use(s)

Specific end use(s): PC8: Biocidal products (e.g. Disinfectants, pest control).
Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

ETHANOL

<table>
<thead>
<tr>
<th>Type</th>
<th>Exposure</th>
<th>Value</th>
<th>Population</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNEL</td>
<td>Dermal</td>
<td>343mg/kg</td>
<td>Workers</td>
<td>-</td>
</tr>
<tr>
<td>DNEL</td>
<td>Dermal</td>
<td>206mg/kg</td>
<td>Consumers</td>
<td>-</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Clear liquid

Colour: Colourless

Odour: Alcoholic

Flash point°C: 27.5

Relative density: 0.900 - 1.000

pH: 6.00 - 7.00

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

**Hazardous ingredients:**

<table>
<thead>
<tr>
<th>ETHANOL</th>
<th>DERMAL</th>
<th>RBT</th>
<th>LD50</th>
<th>&gt;2000 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ORAL</td>
<td>RAT</td>
<td>LD50</td>
<td>&gt;2000 mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIDECYL DIMETHYL AMMONIUM CHLORIDE</th>
<th>DERMAL</th>
<th>RBT</th>
<th>LD50</th>
<th>3342 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ORAL</td>
<td>RAT</td>
<td>LD50</td>
<td>238 mg/kg</td>
</tr>
</tbody>
</table>

**Relevant hazards for product:**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td>OPT</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

**Symptoms / routes of exposure**

<table>
<thead>
<tr>
<th>Skin contact</th>
<th>Eye contact</th>
<th>Ingestion</th>
<th>Inhalation</th>
<th>Delayed / immediate effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>There may be mild irritation at the site of contact.</td>
<td>There may be irritation and redness.</td>
<td>There may be irritation of the throat.</td>
<td>No symptoms.</td>
<td>No symptoms.</td>
</tr>
</tbody>
</table>

### Section 12: Ecological information

#### 12.1. Toxicity

**Hazardous ingredients:**

<table>
<thead>
<tr>
<th>DIDECYL DIMETHYL AMMONIUM CHLORIDE</th>
<th>Daphnia magna</th>
<th>48H EC50</th>
<th>0.062 mg/l</th>
</tr>
</thead>
</table>

#### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.
12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1993

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S. (ETHANOL)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.