



ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2015/830

**1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

|                        |                   |
|------------------------|-------------------|
| Product Name           | Urine Neutraliser |
| Trade Name             | Not known.        |
| Product code           | Not known.        |
| CAS No.                | Not applicable.   |
| EC No.                 | Not applicable.   |
| REACH Registration No. | Not known.        |

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

|                      |            |
|----------------------|------------|
| Identified Use(s)    | Not known. |
| Uses Advised Against | Not known. |

**1.3 Details of the supplier of the safety data sheet**

## Manufacturer

|                         |   |
|-------------------------|---|
| Company Identification  | R&D Laboratories Ltd                        |
| Address of Manufacturer | Unit U, Enkalon Industrial Estate<br>Antrim |
| Postal code             | BT41 4LJ                                    |
| Telephone:              | +44(0) 2894 465753                          |
| Fax                     | Not known.                                  |
| E-mail                  | support@mistral-chemicals.zendesk.com       |
| Office hours            |   |

## Supplier

|                        |   |
|------------------------|---|
| Company Identification | R&D Laboratories Ltd                        |
| Address of Supplier    | Unit U, Enkalon Industrial Estate<br>Antrim |
| Postal code            | BT41 4LJ                                    |
| Telephone:             | +44(0) 2894 465753                          |
| Fax                    | Not known.                                  |
| E-mail                 | support@mistral-chemicals.zendesk.com       |
| Office hours           |   |

**1.4 Emergency telephone number**

|                     |                    |
|---------------------|--------------------|
| Emergency Phone No. | +44(0) 2894 465753 |
| Contact             | Barry Kelly        |

**National response center**

|                     |  |
|---------------------|--|
| Address             | National Poisons Information Service (Birmingham Centre)<br>City Hospital<br>Dudley Road,<br>Birmingham,<br>United Kingdom |
| Emergency Phone No. | +00 448 706 006 266 NHS Direct - 0845 4647 or 111  |

**2. SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

2.1.1 Regulation (EC) No. 1272/2008 (CLP)

Aquatic Acute 2 : Toxic to aquatic life.  
 Eye Irrit. 2 : Causes serious eye irritation.  
 Skin Irrit. 2 : Causes skin irritation.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name

Urine Neutraliser

Hazard Pictogram(s)



GHS07

Signal Word(s)

Warning

Hazard Statement(s)

H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H401: Toxic to aquatic life.

Precautionary Statement(s)

P264: Wash hands thoroughly after handling.  
 P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352: IF ON SKIN: Wash with plenty of 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.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P501: Dispose of contents in accordance with local, state or national legislation.

**2.3 Other hazards**

Not known.

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

| HAZARDOUS INGREDIENT(S)                   | CAS No.    | EC No. REACH Registration No. | %W/W | Hazard Statement(s)                                      | Hazard Pictogram(s) |
|---|------------|-------------------------------|------|--|---------------------|
| Isotridecanol, ethoxylated                | 69011-36-5 | 500-241-6                     | 1-5  | Acute Tox. 4 H302<br>Eye Dam. 1 H318                     | GHS07<br>GHS05      |
| propan-2-ol isopropyl alcohol isopropanol | 67-63-0    | 200-661-7                     | 1-5  | Flam. Liq. 2 H225<br>Eye Irrit. 2 H319<br>STOT SE 3 H336 | GHS02<br>GHS07      |



## SAFETY DATA SHEET

|   |            |           |     |  |
|---|------------|-----------|-----|--|
| didecyldimethylammonium chloride                                      | 7173-51-5  | 230-525-2 | 1-5 | Acute Tox. 4 H302 GHS07<br>Acute Tox. 4 H312 GHS05<br>Skin Corr. 1B GHS09<br>H314<br>Eye Dam. 1 H318<br>Aquatic Acute 1<br>H400<br>Aquatic Chronic 2<br>H411 |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | 68424-85-1 | 270-325-2 | 1-5 | Acute Tox. 4 H302 GHS07<br>Acute Tox. 4 H312 GHS05<br>Skin Corr. 1A GHS09<br>H314<br>Aquatic Acute 1<br>H400   |

### 4. SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

|              |  |
|--------------|--|
| Inhalation   | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  |
| Skin Contact | Wash skin with water.  |
| Eye Contact  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion    | Wash out mouth with water.   |

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

Causes burns.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

### 5. SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

|                                |                                      |
|--------------------------------|--------------------------------------|
| Suitable Extinguishing media   | As appropriate for surrounding fire. |
| Unsuitable extinguishing media | None.                                |

#### 5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

#### 5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

#### 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

#### 6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

**6.4 Reference to other sections**

See Also Section 8, 13.

**7. SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

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

Storage temperature                      Ambient.  
 Storage life                                      Stable under normal conditions.  
 Incompatible materials                      None known.

**7.3 Specific end use(s)**

Not known.

**8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

8.1.1 Occupational Exposure Limits

| Occupational Exposure Limits |          |                     |                                    |            |                           |      |
|------------------------------|----------|---------------------|------------------------------------|------------|---------------------------|------|
| SUBSTANCE.                   | CAS No.  | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m <sup>3</sup> ) | STEL (ppm) | STEL (mg/m <sup>3</sup> ) | Note |
| Propan-2-ol                  | 67-63-0  | 400                 | 999                                | 500        | 1250                      |      |
| Remark                       | Footnote |                     |                                    |            |                           |      |

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls      Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards                                      None known.

8.2.3. Environmental Exposure Controls      Avoid release to the environment.

**9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

|  |  |
|--|--|
| Appearance                                   | Liquid.<br>Colour : Blue   |
| Odour  | Spearmint  |
| Odour threshold                              | Not known.   |
| pH   | > 7  |
| Melting point/freezing point                 | Not known.   |
| Initial boiling point and boiling range      | Not known.   |
| Flash Point                                  | Not applicable   |
| Evaporation rate                             | Not known.   |
| Flammability (solid, gas)                    | Not known.   |
| Upper/lower flammability or explosive limits | Not known.   |
| Vapour pressure                              | Not known.   |
| Vapour density                               | Not known.   |
| Density (g/ml)                               | 0.99   |
| Relative density                             | Not known.   |
| Solubility(ies)                              | Solubility (Water) : Completely soluble in water.<br>Solubility (Other) : Not known. |
| Partition coefficient: n-octanol/water       | Not known.   |
| Auto-ignition temperature                    | Not known.   |
| Decomposition Temperature (°C)               | Not known.   |
| Viscosity                                    | Not known.   |
| Explosive properties                         | Not known.   |
| Oxidising properties                         | Not known.   |

**9.2 Other information**

Not known.

**10. SECTION 10: STABILITY AND REACTIVITY**

|   |  |
|---|--|
| 10.1 Reactivity                         | None anticipated.  |
| 10.2 Chemical Stability                 | Stable under normal conditions.                                |
| 10.3 Possibility of hazardous reactions | No hazardous reactions known if used for its intended purpose. |
| 10.4 Conditions to avoid                | None anticipated.  |
| 10.5 Incompatible materials             | Not known.   |
| 10.6 Hazardous decomposition product(s) | None known.  |

**11. SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

|                               |  |
|-------------------------------|--|
| Acute toxicity - Ingestion    | Not classified.<br>Calculated acute toxicity estimate (ATE) Calc ATE - 6377.55000  |
| Acute toxicity - Skin Contact | Not classified.<br>Calculated acute toxicity estimate (ATE) Calc ATE - 37414.97000 |
| Acute toxicity - Inhalation   | Not classified.  |



|                                |   |
|--------------------------------|---|
| Skin corrosion/irritation      | Calculation method : Causes skin irritation.        |
| Serious eye damage/irritation  | Calculation method : Causes serious eye irritation. |
| Skin sensitization data        | Not classified.                                     |
| Respiratory sensitization data | Not classified.                                     |
| Germ cell mutagenicity         | Not classified.                                     |
| Carcinogenicity                | Not classified.                                     |
| Reproductive toxicity          | Not classified.                                     |
| Lactation                      | Not classified.                                     |
| STOT - single exposure         | Not classified.                                     |
| STOT - repeated exposure       | Not classified.                                     |
| Aspiration hazard              | Not classified.                                     |

**11.2 Other information**

Not known.

**12. SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

|                                       |                        |
|---------------------------------------|------------------------|
| Toxicity - Aquatic invertebrates      | Toxic to aquatic life. |
| Toxicity - Fish                       | Toxic to aquatic life. |
| Toxicity - Algae                      | Toxic to aquatic life. |
| Toxicity - Sediment<br>Compartment    | Not classified.        |
| Toxicity - Terrestrial<br>Compartment | Not classified.        |

**12.2. Persistence and Degradation** Not known.

**12.3. Bioaccumulative potential** Not known.

**12.4. Mobility in soil** Not known.

**12.5. Results of PBT and vPvB assessment** Not known.

**12.6 Other adverse effects**

Not known.

**13. SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**14. SECTION 14: TRANSPORT INFORMATION**

**NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT.**

**15. SECTION 15: REGULATORY INFORMATION**

**15.1 European Regulations**

Authorisations and/or Restrictions On Use

|   |  |
|---|--|
| Candidate List of Substances of Very High Concern for Authorisation   | All chemicals are not listed                 |
| REACH: ANNEX XIV list of substances subject to authorisation  | All chemicals are not listed                 |
| REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | All chemicals are not listed                 |
| Community Rolling Action Plan (CoRAP)   | Not known.                                   |
| Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants                              | Not listed                                   |
| Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer   | Not listed                                   |
| Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals       | Didecyldimethylammonium chloride (7173-51-5) |

**15.2 National regulations**

Other Not known.

**16. SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)



GHS07

Hazard Statement(s)

H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H401: Toxic to aquatic life.

Precautionary Statement(s)

P264: Wash hands thoroughly after handling.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of 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.



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P321: Specific treatment (see Medical Advice on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents in accordance with local, state or national legislation.

### Disclaimers

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