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

1.1. Product identifier

Product name: INTERCEPT PLUS Detergent
Product code: ML02-0145

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

1.2.1. Relevant identified uses

Main use category: Professional use
Use of the substance/mixture: Medical Device Cleaning Detergent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company: Cantel Medical (UK) Limited
Wollseley House
Staffordshire Technology Park
Beaconside, Stafford ST18 0GA
United Kingdom
T +44 (0) 1785.782420; F +44 (0) 1785.752421

Distributed By: Medivators BV
Sourethweg 11
6422PC Heerlen - Netherlands
T (31) 45 5 471 471; 0800 894575 (UK) - F (31) 45 5 429 695

1.4. Emergency telephone number

Emergency number: CHEMTREC +1 703-741-5500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Skin Corr. 1C H314
Eye Dam. 1 H318
Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC
C; R34
Xi; R41
Full text of R-phrases: see section 16

2.2. Label elements

Adverse physicochemical, human health and environmental effects
No additional information available

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP): GHS05

Signal word (CLP): Danger
Hazard statements (CLP): H314 - Causes severe skin burns and eye damage.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER/doctor.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P501 - Dispose of contents and container in accordance with all local, regional, national and
2.3 Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1 Substance
Not applicable

3.2 Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
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</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>(CAS No) 57-55-6</td>
<td>10</td>
<td>Not classified</td>
</tr>
<tr>
<td>substance with national workplace exposure limit(s) (GB)</td>
<td>(EC no) 200-338-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium Phosphate Dibasic</td>
<td>(CAS No) 7758-11-4</td>
<td>5</td>
<td>Skin Corr. 1B H314</td>
</tr>
<tr>
<td></td>
<td>(EC no) 231-791-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium Phosphate Tribasic</td>
<td>(CAS No) 7778-53-2</td>
<td>10</td>
<td>Skin Corr. 1B H314</td>
</tr>
<tr>
<td></td>
<td>(EC no) 231-907-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylenediaminetetraacetic acid, tetrasodium salt hydrate</td>
<td>(CAS No) 64-02-8</td>
<td>1</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H335</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Directive 67/548/EEC</th>
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<td>5</td>
<td>C; R34</td>
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<td></td>
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<td>Potassium Phosphate Tribasic</td>
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<td>10</td>
<td>C; R34</td>
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<tr>
<td></td>
<td>(EC no) 231-907-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylenediaminetetraacetic acid, tetrasodium salt hydrate</td>
<td>(CAS No) 64-02-8</td>
<td>1</td>
<td>Xn; R22</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Xi; R36/37/38</td>
</tr>
</tbody>
</table>

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical advice/attention.

First-aid measures after skin contact: In case of contact, immediately flush skin with plenty of water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Get immediate medical advice/attention.

First-aid measures after eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.

First-aid measures after ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May be harmful if inhaled. Irritating to respiratory system.

Symptoms/injuries after skin contact: Causes severe skin burns. Symptoms may include redness, pain, blisters.

Symptoms/injuries after eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting. May cause burns to the linings of the mouth, throat, and gastrointestinal tract.

4.3 Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Treat for surrounding material.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon.
5.3. Advice for firefighters

Protection during firefighting: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid contact with skin and eyes.

6.2. Environmental precautions

Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

6.3. Methods and material for containment and cleaning up

For containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up: Scoop up material and place in a disposal container. Provide ventilation.

6.4. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Do not get in eyes, on skin, or on clothing. Do not breathe gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep out of the reach of children. Keep container tightly closed.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>1,2-Propylene glycol (57-55-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear chemically resistant protective gloves.

Eye protection: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls: Maintain levels below Community environmental protection thresholds.

Other information: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear.</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless.</td>
</tr>
<tr>
<td>Odour</td>
<td>Low odour.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>11.5 - 12.5</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
</tbody>
</table>
INTERCEPT® PLUS Detergent
Safety Data Sheet
according to Regulation (EC) No. 453/2010

50095-101-EN Rev A 19/08/2014 4/6

Freezing point : No data available
Boiling point : No data available
Flash point : > 100 °C (TCC)
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Not flammable.
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : 1.136 - 1.254
Solubility : No data available
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reaction known under conditions of normal use.

10.2. Chemical stability
Stable under normal storage conditions.

10.3. Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid
Heat. Incompatible materials.

10.5. Incompatible materials
Acids

10.6. Hazardous decomposition products
May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified

Intercept Plus Detergent
LD50 oral rat > 2000 mg/kg
LD50 dermal rabbit > 2000 mg/kg
LC50 inhalation rat No data available

1,2-Propylene glycol (57-55-6)
LD50 oral rat 20000 mg/kg
LD50 dermal rabbit 20800 mg/kg

Potassium Phosphate Tribasic (7778-53-2)
LD50 oral rat 2000 mg/kg
LD50 dermal rabbit 4640 mg/kg

Skin corrosion/irritation : Causes severe skin burns.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.
Germ cell mutagenicity : Based on available data, the classification criteria are not met.
Carcinogenicity : Based on available data, the classification criteria are not met.
Reproductive toxicity : Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure) : Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure) : Based on available data, the classification criteria are not met.
Aspiration hazard : Based on available data, the classification criteria are not met.
## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecology - general:** Not considered to be harmful to aquatic life. May cause long-term adverse effects in the aquatic environment.

**1,2-Propylene glycol (57-55-6)**

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fishes</td>
<td>51600 mg/l (96 h - Oncorhynchus mykiss [static])</td>
</tr>
<tr>
<td>EC50 Daphnia</td>
<td>&gt; 1000 mg/l (48 h - Daphnia magna [Static])</td>
</tr>
<tr>
<td>LC50 fish</td>
<td>41 - 47 ml/l (96 h - Oncorhynchus mykiss [static])</td>
</tr>
</tbody>
</table>

### 12.2. Persistence and degradability

**Intercept Plus Detergent**

Persistence and degradability: Not established.

**1,2-Propylene glycol (57-55-6)**

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

### 12.3. Bioaccumulative potential

**Intercept Plus Detergent**

Bioaccumulative potential: Not established.

**1,2-Propylene glycol (57-55-6)**

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Other adverse effects

No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

**UN-No.:** 3266

### 14.2. UN proper shipping name

**Proper Shipping Name:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(Phosphates solution)

### 14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>Class (UN)</th>
<th>Hazard labels (NU)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

### 14.4. Packing group

**Packing group (UN):** III

### 14.5. Environmental hazards

- **Dangerous for the environment:** No
- **Marine pollutant:** No
- **Other information:** No supplementary information available

### 14.6. Special precautions for user

**Special transport precautions:** Do not handle until all safety precautions have been read and understood

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions
15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:
None.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corr. 1C</td>
<td>On basis of test data</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>On basis of test data</td>
</tr>
</tbody>
</table>


Other information: None.

Full text of R-, H- and EUH-phrases:

| Acute Tox. 4 (Oral)          | Acute toxicity (oral), Category 4                  |
| Eye Dam. 1                   | Serious eye damage/eye irritation, Category 1      |
| Eye Irrit. 2                 | Serious eye damage/eye irritation, Category 2      |
| Skin Corr. 1B                | Skin corrosion/irritation, Category 1B             |
| Skin Corr. 1C                | Skin corrosion/irritation, Category 1C             |
| Skin Irrit. 2                | Skin corrosion/irritation, Category 2              |
| STOT SE 3                    | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H302                          | Harmful if swallowed                              |
| H314                          | Causes severe skin burns and eye damage            |
| H315                          | Causes skin irritation                             |
| H319                          | Causes serious eye irritation                       |
| H335                          | May cause respiratory irritation                   |
| R22                           | Harmful if swallowed                               |
| R34                           | Causes burns                                       |
| R36/37/38                    | Irritating to eyes, respiratory system and skin    |
| R41                           | Risk of serious damage to eyes                     |
| C                             | Corrosive                                          |
| Xi                            | Irritant                                           |
| Xn                            | Harmful                                            |

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