# INTERCEPT® Detergent Safety Data Sheet


Date of issue: 01 Dec 2014 : Version: 1.0

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

### 1.1. Product identifier

Product name : INTERCEPT Detergent  
Product code : ML02-0106

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

Use of the substance/mixture : Cleaning of Immersible Medical Equipment

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

Medivators Inc.  
14605 28th Avenue North  
Minneapolis, MN 55447 - USA  
T 1-800-328-3340

### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**GHS-US classification**  
Skin irritation 2  
Eye irritation 2B

### 2.2. Label elements

**GHS-US labelling**

- Hazard pictograms (GHS-US)  
- Signal word (GHS-US) : Warning
- Hazard statements (GHS-US) : Causes skin irritation. Causes eye irritation.
- Precautionary statements (GHS-US) : Wash hands thoroughly after handling. Wear protective gloves. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. 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.

### 2.3. Other hazards

No additional information available.

### 2.4. Unknown acute toxicity (GHS-US)

1 % of the mixture consists of ingredient(s) of unknown acute toxicity.

## 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>GHS-US classification</th>
</tr>
</thead>
</table>
| Benzalkonium chloride    | (CAS No) 68391-01-5| 4.8| Acute Tox. 4 (Oral)  
|                          |                    |    | Skin Corr. 1B                   |
| Diethylene glycol monoethyl ether | (CAS No) 111-90-0 | 4.8| Flam. Liq. 4  
|                          |                    |    | Eye Irrit. 2B                    |
| Lactic Acid              | (CAS No) 79-33-4   | 1.4| Skin Irrit. 2  
|                          |                    |    | Eye Dam. 1                       |
| Alkyl polyglycoside      | (CAS No) 68515-73-1| 1.4| Eye Dam. 1                       |

* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

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. If irritation persists, get medical attention.

First-aid measures after ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Symptoms/injuries after inhalation: May cause respiratory tract irritation.

Symptoms/injuries after skin contact: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

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

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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.

6.2. 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.

6.3. 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: Avoid contact with skin and eyes. Avoid breathing vapour or mist. 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>Compound</th>
<th>USA ACGIH</th>
<th>USA OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5)</td>
<td>ACGIH TWA Not available.</td>
<td>OSHA PEL (TWA) Not available.</td>
</tr>
</tbody>
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<tr>
<th>Compound</th>
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<th>USA OSHA</th>
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<td>ACGIH TWA Not available.</td>
<td>OSHA PEL (TWA) Not available.</td>
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<tr>
<th>Compound</th>
<th>USA ACGIH</th>
<th>USA OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanoic acid, 2-hydroxy-(S)-(79-33-4)</td>
<td>ACGIH TWA Not available.</td>
<td>OSHA PEL (TWA) Not available.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Compound</th>
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<th>USA OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</td>
<td>ACGIH TWA Not available.</td>
<td>OSHA PEL (TWA) Not available.</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.

Hand protection: Wear chemically resistant protective gloves.

Eye protection: Wear eye protection.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. 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

Physical state: Liquid

Appearance: No data available

Colour: Blue

Odour: Cotton fresh

Odour threshold: No data available

pH: 7.5 - 8

Relative evaporation rate (butylacetate=1): No data available

Melting point: No data available

Freezing point: No data available

Boiling point: 100 °C (212 °F)

Flash point: No data available

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: 1.009 - 1.02

Solubility: No data available

Log Pow: No data available

Log Kow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available
INTERCEPT® Detergent
Safety Data Sheet

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.

10.5. Incompatible materials
None known.

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.

<table>
<thead>
<tr>
<th>INTERCEPT Detergent</th>
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</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
<td>&gt; 20 mg/l/4h</td>
<td></td>
</tr>
</tbody>
</table>

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<tr>
<th>Diethylene glycol monoethyl ether (111-90-0)</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>5500 ul/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>4200 µl/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
<td>&gt; 5240 mg/m³/4h</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Propanoic acid, 2-hydroxy-, (S)- (79-33-4)</th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>3730 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Causes skin irritation. This mixture is classified based on test data.
Serious eye damage/irritation: Causes eye irritation. This mixture is classified based on test data.
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.

Symptoms/injuries after inhalation: May cause respiratory tract irritation.
Symptoms/injuries after skin contact: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact: Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: Not considered to be harmful to aquatic life.

12.2. Persistence and degradability
INTERCEPT Detergent
Persistence and degradability: Not established.

12.3. Bioaccumulative potential
INTERCEPT Detergent
Bioaccumulative potential: Not established.

12.4. Mobility in soil
No additional information available.

12.5. Other adverse effects
Effect on ozone layer: No supplementary information available.
Effect on the global warming: No known ecological damage caused by this product.

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 DOT

14.1. UN number
Not regulated for transport.

14.2. UN proper shipping name
Not applicable.

14.3. Additional information
Other information: No supplementary information available.
Special transport precautions: Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

15.2. US State regulations
INTERCEPT Detergent
State or local regulations: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16: Other information

Indication of changes: None.
Date of issue: 01 DEC 2014
Other information: None.

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