# SAFETY DATA SHEET
## CONSERVER

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

### 1.1. Product identifier

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th><strong>CONSERVER</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product number</strong></td>
<td><strong>CON002/04</strong></td>
</tr>
<tr>
<td><strong>Internal identification</strong></td>
<td><strong>M159</strong></td>
</tr>
</tbody>
</table>

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

**Identified uses**

- Rinse aid

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

**Supplier**

GARDX PROTECTION LTD  
UNIT 7 CLOVELLY BUSINESS PARK  
CLOVELLY ROAD  
SOUTHBOURNE, EMSWORTH  
HANTS  
PO10 8PE  
+44 (0)1243 376426  
product@gardx.co.uk

### 1.4. Emergency telephone number

**Emergency telephone**

+44 (0) 777 8505 330 (24 hrs)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification**

- **Physical hazards**: Not Classified
- **Health hazards**: Skin Irrit. 2 - H315 Eye Dam. 1 - H318
- **Environmental hazards**: Aquatic Acute 1 - H400

**Classification (67/548/EEC or 1999/45/EC)**

Xi;R36/38.

### 2.2. Label elements

**Pictogram**

![Pictogram 1](image1.png)  
![Pictogram 2](image2.png)

**Signal word**

Danger

**Hazard statements**

- H400 Very toxic to aquatic life.  
- H315 Causes skin irritation.  
- H318 Causes serious eye damage.
CONSERVER

Precautionary statements

P102 Keep out of reach of children.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P315+P335 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with national regulations.

Contains

DICOCODIMETHYLAMMONIUM CHLORIDE, COCO AMIDO PROPYL BETAINE

Detergent labelling

< 5% aliphatic hydrocarbons,< 5% amphoteric surfactants,< 5% cationic surfactants,< 5% disinfectants,< 5% non-ionic surfactants,Contains 1,2-BENZOISOTHIAZOL-3(2H)-ONE

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>WHITE OIL</th>
<th>5-10%</th>
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<tbody>
<tr>
<td>CAS number: 92062-35-6</td>
<td>EC number: 295-550-3</td>
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<tr>
<td>REACH registration number: 01-2119487078-27-xxxx</td>
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<tr>
<td>Classification</td>
<td>Asp. Tox. 1 - H304</td>
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<tr>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
<td>Xn;R65.</td>
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<table>
<thead>
<tr>
<th>DICOCODIMETHYLAMMONIUM CHLORIDE</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 61789-77-3</td>
<td>EC number: 263-087-6</td>
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<tr>
<td>M factor (Acute) = 10</td>
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<tr>
<td>Classification</td>
<td>Acute Tox. 4 - H302</td>
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<tr>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
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<tr>
<td>Classification</td>
<td>Skin Corr. 1B - H314</td>
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<tr>
<td>Classification</td>
<td>Aquatic Acute 1 - H400</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-BUTOXYETHANOL</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 111-76-2</td>
<td>EC number: 203-905-0</td>
</tr>
<tr>
<td>REACH registration number: 01-2119475108-36-XXXX</td>
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<tr>
<td>Classification</td>
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<tr>
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<td>Xn;R20/21/22 Xi;R36/38</td>
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<tr>
<td>Classification</td>
<td>Acute Tox. 4 - H312</td>
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<tr>
<td>Classification</td>
<td>Acute Tox. 4 - H332</td>
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<tr>
<td>Classification</td>
<td>Skin Irrit. 2 - H315</td>
</tr>
<tr>
<td>Classification</td>
<td>Eye Irrit. 2 - H319</td>
</tr>
</tbody>
</table>
CONSERVER

COCO AMIDO PROPYL BETAINE 1-5%
CAS number: — EC number: 931-296-8 REACH registration number: 01-2119488533-30-xxxx

Classification
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC)
Xi;R41.

PROPN-2-OL <1%
CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25-xxxx

Classification
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

Classification (67/548/EEC or 1999/45/EC)
F;R11 Xi;R36 R67

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
IF INHALED: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion
Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.

Skin contact
Get medical attention if irritation persists after washing. Rinse with water.

Eye contact
Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation
Upper respiratory irritation.

Ingestion
Gastrointestinal symptoms, including upset stomach.

Skin contact
Causes skin irritation.

Eye contact
Causes serious eye damage.

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

Notes for the doctor
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances:
Carbon monoxide (CO). Carbon dioxide (CO2).

5.3. Advice for firefighters
CONSERVER

Protective actions during firefighting
No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not touch or walk into spilled material. Avoid contact with skin, eyes and clothing. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions
Environmental precautions
Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Contain spillage with sand, earth or other suitable non-combustible material. Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid spilling. Avoid contact with skin, eyes and clothing. Wash skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store at temperatures between 4°C and 40°C.

Storage class
Corrosive storage.

7.3. Specific end use(s)

Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

2-BUTOXYETHANOL
Long-term exposure limit (8-hour TWA): WEL 25 ppm  123 mg/m³
Short-term exposure limit (15-minute): WEL 50 ppm  246 mg/m³
Sk

PROPAN-2-OL
Long-term exposure limit (8-hour TWA): WEL 400 ppm  999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm  1250 mg/m³
WEL = Workplace Exposure Limit
Sk = Can be absorbed through the skin.

Ingredient comments
No exposure limits known for ingredient(s).
CONSERVER

DICOCODIMETHYLAMMONIUM CHLORIDE (CAS: 61789-77-3)

**DNEL**
Industry - Dermal; Long term systemic effects: 12.75  
Industry - Inhalation; Long term systemic effects: 27 mg/m³  
Consumer - Dermal; Long term systemic effects: 7.65 mg/kg/day  
Consumer - Inhalation; Long term systemic effects: 8  
Consumer - Oral; Long term systemic effects: 2.3 mg/kg/day

**PNEC**
Industry - Fresh water; 0.013  
Industry - Marine water; 0.013 mg/l  
Industry - STP; 1.2 mg/l  
Industry - Sediment (Freshwater); 8.8 mg/kg  
Industry - Sediment (Marine water); 0.88 mg/kg  
Industry - Soil; 7 mg/kg

2-BUTOXYETHANOL (CAS: 111-76-2)

**DNEL**
Industry - Dermal; Short term systemic effects: 89 mg/kg/day  
Industry - Inhalation; Short term systemic effects: 663 mg/m³  
Industry - Dermal; Long term systemic effects: 75 mg/kg/day  
Industry - Inhalation; Long term systemic effects: 98 mg/m³  
Consumer - Dermal; Short term systemic effects: 44.5 mg/kg  
Consumer - Inhalation; Short term systemic effects: 426 mg/m³  
Consumer - Oral; Short term systemic effects: 13.4 mg/m³  
Consumer - Dermal; Long term systemic effects: 38 mg/kg  
Consumer - Oral; Long term systemic effects: 3.2 mg/kg  
Consumer - Inhalation; Long term systemic effects: 49 mg/kg  
Consumer - Inhalation; local effects: 123 mg/kg  
Industry - Inhalation; local effects: 246 mg/m³

**PNEC**
- Fresh water; 8.8 mg/l  
- Marine water; 0.88 mg/l  
- Sediment (Freshwater); 34.6 mg/kg  
- Soil; 2.8 mg/kg  
- STP; 463 mg/l  
- Sediment (Marine water); 3.46

COCO AMIDO PROPYL BETAINE

**DNEL**
Industry - Dermal; Long term systemic effects: 12.5  
Consumer - Dermal; Long term systemic effects: 7.5 mg/kg/day  
Industry - Inhalation; Long term systemic effects: 44 mg/m³

**PNEC**
- Fresh water; 0.0135 mg/l  
- STP; 300 mg/l  
- Soil; 0.8 mg/kg  
- Sediment (Marine water); 0.1 mg/kg  
- Sediment (Freshwater); 1 mg/kg  
- Marine water; 0.00135 mg/l

PROPAN-2-OL (CAS: 67-63-0)
**CONSERVER**

**DNEL**
- Industry - Dermal; Long term systemic effects: 888 mg/kg/day
- Industry - Inhalation; Long term systemic effects: 500 mg/m³
- Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
- Consumer - Oral; Long term systemic effects: 26 mg/kg/day
- Consumer - Inhalation; Long term systemic effects: 89 mg/m³

**PNEC**
- Fresh water; 140.9 mg/l
- Marine water; 140.9 mg/l
- Intermittent release; 140.9 mg/l
- Sediment (Freshwater); 552 mg/kg
- Sediment (Marine water); 552 mg/kg
- STP; 2251 mg/l
- Soil; 28 mg/kg

**ALCOHOL C9-11 ETHOXYLATE (CAS: 68439-46-3)**

**DNEL**
- Workers - Inhalation; Long term systemic effects: 294 mg/m³
- Workers - Dermal; Long term systemic effects: 2080 mg/kg/day
- General population - Inhalation; Long term systemic effects: 87 mg/m³
- General population - Dermal; Long term systemic effects: 1250 mg/kg/day
- General population - Oral; Long term systemic effects: 25 mg/kg/day

**PNEC**
- Fresh water; 0.10379 mg/l
- Marine water; 0.10379 mg/l
- Fresh water, Intermittent release; 0.014 mg/l
- Sediment (Freshwater); 13.7 mg/kg
- Sediment (Marine water); 13.7 mg/kg
- Soil; 1 mg/kg
- STP; 1.4 mg/l

**FLUOROACRYLATE POLYMER**

**Ingredient comments**
No exposure limits known for ingredient(s).

**8.2. Exposure controls**

**Protective equipment**

**Eye/face protection**
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

**Hand protection**
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. For exposure up to 4 hours, wear gloves made of the following material: Rubber (natural, latex), Nitrile rubber, Neoprene, Polyvinyl chloride (PVC). To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 4 hours. The breakthrough time for any glove material may be different for different glove manufacturers. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

**Hygiene measures**
Wash hands thoroughly after handling.
SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

- **Appearance**: Clear liquid.
- **Colour**: Pink.
- **Odour**: Mild.
- **pH**: pH (concentrated solution): 5.0
- **Relative density**: 0.98 @ 25°C
- **Solubility(ies)**: Completely soluble in water.

9.2. Other information

- **Other information**: Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

- **Reactivity**: There are no known reactivity hazards associated with this product.

10.2. Chemical stability

- **Stability**: Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

- **Possibility of hazardous reactions**: Not determined.

10.4. Conditions to avoid

- **Conditions to avoid**: There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

- **Materials to avoid**: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

- **Hazardous decomposition products**: Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- **Acute toxicity - oral**
  - ATE oral (mg/kg): 6,078.47

- **Acute toxicity - dermal**
  - ATE dermal (mg/kg): 56,989.25

- **Acute toxicity - inhalation**
  - ATE inhalation (vapours mg/l): 591.4

- **Inhalation**: Upper respiratory irritation.
- **Ingestion**: Gastrointestinal symptoms, including upset stomach.
- **Skin contact**: Causes skin irritation.
CONSERVER

**Eye contact**
Causes serious eye damage.

**Toxicological information on ingredients.**

### WHITE OIL

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Value</th>
<th>Species</th>
<th>Notes (oral LD₅₀)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - oral</td>
<td>5,000.0</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>5,000.0</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>5,000.0</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - dermal</td>
<td>2,000.1</td>
<td>Rabbit</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>2,000.1</td>
<td>Rabbit</td>
<td></td>
</tr>
<tr>
<td>ATE dermal (mg/kg)</td>
<td>2,000.1</td>
<td>Rabbit</td>
<td></td>
</tr>
</tbody>
</table>

### DICOCODIMETHYLAMMONIUM CHLORIDE

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Value</th>
<th>Species</th>
<th>Notes (oral LD₅₀)</th>
</tr>
</thead>
<tbody>
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<td>Estimated value.</td>
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<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
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<td>Rat</td>
<td>Estimated value.</td>
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<tr>
<td>ATE oral (mg/kg)</td>
<td>301.0</td>
<td>Rat</td>
<td>Estimated value.</td>
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### 2-BUTOXYETHANOL

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Value</th>
<th>Species</th>
<th>Notes (inhalation LC₅₀)</th>
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<tbody>
<tr>
<td>Acute toxicity - oral</td>
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<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
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<td>Rat</td>
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<tr>
<td>ATE oral (mg/kg)</td>
<td>1,746.0</td>
<td>Rat</td>
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<tr>
<td>Acute toxicity - dermal</td>
<td>1,060.0</td>
<td>Rabbit</td>
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<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>1,060.0</td>
<td>Rabbit</td>
<td></td>
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<tr>
<td>ATE dermal (mg/kg)</td>
<td>1,060.0</td>
<td>Rabbit</td>
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<tr>
<td>Acute toxicity - inhalation</td>
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<tr>
<td>Notes (inhalation LC₅₀)</td>
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<tr>
<td>ATE inhalation (vapours mg/l)</td>
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### COCO AMIDO PROPYL BETAINTE
### CONSERVER

<table>
<thead>
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<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
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<td>Species</td>
<td>Rat</td>
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### PROPAN-2-OL

<table>
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<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
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<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
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### ALCOHOL C9-11 ETHOXYLATE

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<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Acute toxicity oral (mg/kg)</td>
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</table>

### SODIUM CHLORIDE

<table>
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<tbody>
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<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
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<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
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</tr>
</tbody>
</table>

### N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE

<table>
<thead>
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<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity oral (mg/kg)</td>
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</table>

### 1,2-BENZISOTHIAZOL-3(2H)-ONE

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>ATE oral (mg/kg)</td>
<td>100.0</td>
</tr>
</tbody>
</table>
CONSERVER

Acute toxicity - oral
ATE oral (mg/kg) 500.0

SECTION 12: Ecological Information

Ecotoxicity

Very toxic to aquatic life.

Ecological information on ingredients.

PROPA-2-OL

Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

Acute toxicity - fish

Not determined.

Ecological information on ingredients.

DICOCODIMETHYAMMONIUM CHLORIDE

Acute aquatic toxicity

LE(C)₅₀ 0.01 < LE(C)₅₀ ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish

LC₅₀, 96 hours, 96 hours: ~ 0.1 - 1.0 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours, 48 hours: ~ 0.1 - 1.0 mg/l, Freshwater invertebrates

Acute toxicity - microorganisms

> 10 - 100 mg/l, Activated sludge

2-BUTOXYETHANOL

Acute toxicity - fish

LC₅₀, 96 hours: 820 - 1490 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 835 - 1550 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC₅₀, 72 hours: 1840 mg/l, Algae

COCO AMIDO PROPYL BETAINE

Acute toxicity - fish

LC₅₀, 96 hours, 96 hours: 1.11 mg/l, Pimephales promelas (Fat-head Minnow)

LC₅₀, 96 hours, 96 hours: 1.1 mg/l, Cyprinodon variegatus (Sheepshead minnow)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 1.9 mg/l, Freshwater invertebrates

EC₅₀: 0.3 mg/l, Freshwater invertebrates

EC₅₀, 48 hours: 21.5 mg/l mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 48 hours, 48 hours: 30.0 mg/l, Marinewater algae

PROPA-2-OL

Toxicity

Not considered toxic to fish.
CONSERVER

Acute toxicity - fish
LC₅₀, 96 hours, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants
EC₅₀, 72 hours, 72 hours: >100 mg/l, Scenedesmus subspicatus
IC₅₀, 72 hours: >100 mg/l, Algae

ALCOHOL C9-11 ETHOXYLATE

Acute toxicity - fish
LC₅₀, 96 hours: 57 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours: 2.5 mg/l, Daphnia magna

SODIUM CHLORIDE

Acute toxicity - fish
LC₅₀, 96 hours, 96 hours: 6750 mg/l,

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours, 48 hours: 2024 mg/l, Daphnia magna

Acute toxicity - aquatic plants
IC₅₀, 72 hours, 72 hours: 3014 mg/l,

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE

Acute aquatic toxicity
LE(C)₅₀
0.01 < L(E)C₅₀ ≤ 0.1

M factor (Acute)
10

1,2-BENZISOTHIAZOL-3(2H)-ONE

Acute aquatic toxicity
LE(C)₅₀
0.1 < L(E)C₅₀ ≤ 1

M factor (Acute)
1

2-METHYL-2H-ISOTHIAZOL-3-ONE

Acute aquatic toxicity
LE(C)₅₀
0.01 < L(E)C₅₀ ≤ 0.1

M factor (Acute)
10

12.2. Persistence and degradability

Persistence and degradability
The product is expected to be biodegradable.

Ecological information on ingredients.

2-BUTOXYETHANOL

Persistence and degradability
The product is readily biodegradable.
CONSERVER

Persistence and degradability

The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product is not bioaccumulating.

Ecological information on ingredients.

2-BUTOXYETHANOL

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

COCO AMIDO PROPYL BETAINE

Bioaccumulative potential

BCF: < 71,

PROPN-2-OL

Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

The product is soluble in water.

Ecological information on ingredients.

COCO AMIDO PROPYL BETAINE

Mobility

The product is soluble in water.

PROPN-2-OL

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

2-BUTOXYETHANOL

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

COCO AMIDO PROPYL BETAINE

Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

PROPN-2-OL

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects

Not determined.

Ecological information on ingredients.
CONSERVER

COCO AMIDO PROPYL BETAINE

Other adverse effects  Harmful to aquatic organisms

PROPAN-2-OL

Other adverse effects  Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods  Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)  3082
UN No. (IMDG)  3082
UN No. (ICAO)  3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dicocodimethylammonium chloride)
Proper shipping name (IMDG)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dicocodimethylammonium chloride)
Proper shipping name (ICAO)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dicocodimethylammonium chloride)

14.3. Transport hazard class(es)

ADR/RID class  9
IMDG class  9
ICAO class/division  9

Transport labels

14.4. Packing group

ADR/RID packing group  III
IMDG packing group  III
ICAO packing group  III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user
CONSERVER

Not applicable.

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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

SECTION 15: Regulatory information

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

National regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation


Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

08/09/2015

Revision

3.1

Supersedes date

21/05/2014

SDS number

25021

Risk phrases in full

R11 Highly flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R22 Harmful if swallowed.

R34 Causes burns.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.
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