

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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Version: 1



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## Nuke Guys Pink Cherry Autoshampoo

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

#### 1.1. Product identifier

Trade name/designation:

Nuke Guys Pink Cherry Autoshampoo

Article No.:

20032195+20032196

UFI:

R300-POFU-200Q-G91R

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

Use of the substance/mixture:

Automotive care products

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**Motodox GmbH**

Niedernberger Strasse 10

63741 Aschaffenburg

Germany

Telephone: +49 (0) 6021 45480 0

E-mail: [service@motodox.de](mailto:service@motodox.de)

Website: [www.motodox.de](http://www.motodox.de)

E-mail (competent person): [vl@motodox.de](mailto:vl@motodox.de)

#### 1.4. Emergency telephone number

24h: +49 172 6917313, +49 6021 45480 88 (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

| Hazard classes and hazard categories                                 | Hazard statements  | Classification procedure |
|--|--|--------------------------|
| Respiratory or skin sensitisation<br>( <i>Skin Sens. 1</i> )         | H317: May cause an allergic skin reaction.               | Calculation method.      |
| Serious eye damage/eye irritation<br>( <i>Eye Dam. 1</i> )           | H318: Causes serious eye damage.                         | Calculation method.      |
| Hazardous to the aquatic environment<br>( <i>Aquatic Chronic 3</i> ) | H412: Harmful to aquatic life with long lasting effects. | Calculation method.      |

#### 2.2. Label elements

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

Hazard pictograms:



**GHS05**  
Corrosion



**GHS07**  
Exclamation mark

Signal word: Danger

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### Hazard components for labelling:

2-methyl-2H-isothiazol-3-one; Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides; Isotridecanol, ethoxylated; n-butyl acetate

#### Hazard statements for health hazards

|      |                                      |
|------|--------------------------------------|
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |

#### Hazard statements for environmental hazards

|      |  |
|------|--|
| H412 | Harmful to aquatic life with long lasting effects. |
|------|--|

### Supplemental hazard information: none

#### Precautionary statements Prevention

|      |   |
|------|---|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray.   |
| P273 | Avoid release to the environment.   |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/.... |

#### Precautionary statements Response

|                    |  |
|--------------------|--|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333 + P313        | If skin irritation or rash occurs: Get medical advice/attention.   |
| P362 + P364        | Take off contaminated clothing and wash it before reuse.   |

### Special rules for supplemental label elements for certain mixtures:

Gefahrbestimmende Komponenten zur Etikettierung:

Benzaldehyd

Ethyl-2,3-epoxy-3-phenylbutyrate

Eugenol

3,7-Dimethylocta-2,6-dien-1-ol

Nerol

2H-1-Benzopyran-2-on

Methylcinnamat

(R)-p-Mentha-1,8-diene

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers   | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP]  | Concentration         |
|---|---|-----------------------|
| CAS No.: 308062-28-4<br>EC No.: 931-292-6                                       | <b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b><br>Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 2 (H411),<br>Eye Dam. 1 (H318), Skin Irrit. 2 (H315)<br>Danger<br>M-factor (acute): 1             | 1 - ≤ 3<br>weight-%   |
| CAS No.: 68891-38-3<br>EC No.: 500-234-8<br>REACH No.:<br>01-2119488639-16-0000 | <b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b><br>Aquatic Chronic 3 (H412), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315)<br>Warning<br><b>Specific concentration limit (SCL)</b><br>Eye Irrit. 2; H319: 5% ≤ C < 10% | 1 - ≤ 2<br>weight-%   |
| CAS No.: 9043-30-5<br>EC No.: 500-027-2   | <b>Isotridecanol, ethoxylated</b><br>Eye Dam. 1 (H318)<br>Danger  | 0 - ≤ 1.3<br>weight-% |
| CAS No.: 111-76-2<br>EC No.: 203-905-0<br>Index No.: 603-014-00-0               | <b>2-butoxyethanol</b><br>Acute Tox. 4 (H332, H302), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315)<br>Warning<br><b>Acute Toxicity Estimate</b><br>ATE (oral): 1,200 mg/kg  | 0 - ≤ 0.7<br>weight-% |

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| Product identifiers  | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP]   | Concentration           |
|--|--|-------------------------|
| CAS No.: 123-92-2<br>EC No.: 204-662-3<br>Index No.: 607-130-00-2  | <b>isopentyl acetate</b><br>Flam. Liq. 3 (H226)<br>Warning EUH066  | 0 - ≤ 0.05<br>weight-%  |
| CAS No.: 123-86-4<br>EC No.: 204-658-1<br>Index No.: 607-025-00-1<br>REACH No.:<br>01-2119485493-29-XXXX | <b>n-butyl acetate</b><br>Flam. Liq. 3 (H226), STOT SE 3 (H336)<br>Warning EUH066  | 0 - < 0.03<br>weight-%  |
| CAS No.: 2682-20-4<br>EC No.: 220-239-6<br>Index No.: 613-326-00-9                                       | <b>2-methyl-2H-isothiazol-3-one</b><br>Acute Tox. 2 (H330), Acute Tox. 3 (H311, H301),<br>Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318),<br>Skin Corr. 1B (H314), Skin Sens. 1A (H317)<br>Danger EUH071<br>M-factor (acute): 10 M-factor (chronic): 1<br><b>Specific concentration limit (SCL)</b><br>Skin Sens. 1A; H317: C ≥ 0.0015% | 0 - < 0.003<br>weight-% |

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

#### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

#### After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

#### Self-protection of the first aider:

Use personal protection equipment.

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

Allergic reactions Serious eye damage/eye irritation

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

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

The product itself does not burn.

#### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

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### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

**Personal precautions:**

Remove persons to safety.

**Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

#### 6.1.2. For emergency responders

**Personal protection equipment:**

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

**For containment:**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

**For cleaning up:**

Water (with cleaning agent)

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Wear personal protection equipment (refer to section 8).

**Fire prevent measures:**

No special measures are necessary.

**Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Technical measures and storage conditions:**

Keep container tightly closed in a cool, well-ventilated place.

**Storage class (TRGS 510, Germany):** 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

### 7.3. Specific end use(s)

No data available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name  | ① Long-term occupational exposure limit value<br>② Short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|--------------------------------------|---|--|
| WEL (GB)<br>from 17 Jan 2020         | <b>2-butoxyethanol</b><br>CAS No.: 111-76-2<br>EC No.: 203-905-0            | ① 25 ppm (123 mg/m <sup>3</sup> )<br>② 50 ppm (246 mg/m <sup>3</sup> )<br>⑤ (may be absorbed through the skin)   |
| IOELV (EU)                           | <b>2-butoxyethanol</b><br>CAS No.: 111-76-2<br>EC No.: 203-905-0            | ① 20 ppm (98 mg/m <sup>3</sup> )<br>② 50 ppm (246 mg/m <sup>3</sup> )<br>⑤ (may be absorbed through the skin)  |
| IOELV (EU)                           | <b>isopentyl acetate</b><br>CAS No.: 123-92-2<br>EC No.: 204-662-3          | ① 50 ppm (270 mg/m <sup>3</sup> )<br>② 100 ppm (540 mg/m <sup>3</sup> )  |
| WEL (GB)<br>from 21 Aug 2018         | <b>isopentyl acetate</b><br>CAS No.: 123-92-2<br>EC No.: 204-662-3          | ① 50 ppm (270 mg/m <sup>3</sup> )<br>② 100 ppm (541 mg/m <sup>3</sup> )  |
| IOELV (EU)<br>from 20 Nov 2019       | <b>n-butyl acetate</b><br>CAS No.: 123-86-4<br>EC No.: 204-658-1            | ① 50 ppm (241 mg/m <sup>3</sup> )<br>② 150 ppm (723 mg/m <sup>3</sup> )  |
| WEL (GB)                             | <b>2,6-di-tert-butyl-p-cresol</b><br>CAS No.: 128-37-0<br>EC No.: 204-881-4 | ① 10 mg/m <sup>3</sup>   |

##### 8.1.2. Biological limit values

| Limit value type (country of origin) | Substance name   | Limit value             | ① Parameter<br>② Test material<br>③ Time of sampling:<br>④ Remark   |
|--------------------------------------|--|-------------------------|---|
| BMGV (GB)                            | <b>2-butoxyethanol</b><br>CAS No.: 111-76-2<br>EC No.: 203-905-0 | 240 mmol/mol creatinine | ① Butoxyacetic acid<br>② urine<br>③ end of exposure or end of shift |

##### 8.1.3. DNEL-/PNEC-values

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

##### 8.2.2. Personal protection equipment



###### Eye/face protection:

Eye glasses with side protection EN 166

###### Skin protection:

Tested protective gloves must be worn EN ISO 374

Suitable material: Butyl caoutchouc (butyl rubber)

Breakthrough time: 480min

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Breakthrough times and swelling properties of the material must be taken into consideration.

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### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state: Liquid

Colour: pink

Odour: not determined

#### Safety relevant basis data

| Parameter                                    | Value                  | at °C | ① Method<br>② Remark |
|--|------------------------|-------|----------------------|
| pH   | 10.5                   |       |                      |
| Melting point                                | No data available      |       |                      |
| Freezing point                               | No data available      |       |                      |
| Initial boiling point and boiling range      | No data available      |       |                      |
| Decomposition temperature                    | No data available      |       |                      |
| Flash point                                  | not applicable         |       |                      |
| Evaporation rate                             | No data available      |       |                      |
| Auto-ignition temperature                    | No data available      |       |                      |
| Upper/lower flammability or explosive limits | No data available      |       |                      |
| Vapour pressure                              | No data available      |       |                      |
| Vapour density                               | No data available      |       |                      |
| Density                                      | 1.02 g/cm <sup>3</sup> | 20 °C |                      |
| Relative density                             | No data available      |       |                      |
| Bulk density                                 | No data available      |       |                      |
| Water solubility                             | miscible               |       |                      |
| Partition coefficient: n-octanol/water       | No data available      |       |                      |
| Dynamic viscosity                            | 50 mPa* s              | 20 °C |                      |
| Kinematic viscosity                          | No data available      |       |                      |

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product itself does not burn.

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

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## Nuke Guys Pink Cherry Autoshampoo

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|  |
|--|
| <b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b> CAS No.: 308062-28-4 EC No.: 931-292-6 |
| <b>LD<sub>50</sub> oral:</b> >300 - <2,000 mg/kg (rat)   |
| <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (rat)  |
| <b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> CAS No.: 68891-38-3 EC No.: 500-234-8   |
| <b>LD<sub>50</sub> oral:</b> 4,100 mg/kg (Rat)   |
| <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rat)  |
| <b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> 4,000 mg/L (Rat)                       |
| <b>2-butoxyethanol</b> CAS No.: 111-76-2 EC No.: 203-905-0   |
| <b>ATE (oral)<sup>1</sup>:</b> 1,200 mg/kg   |
| <b>LD<sub>50</sub> oral:</b> 1,480 mg/kg (Rat)   |
| <b>LD<sub>50</sub> dermal:</b> 1,060 mg/kg (Rabbit)  |
| <b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> 220 mg/L (Rat)                         |
| <b>isopentyl acetate</b> CAS No.: 123-92-2 EC No.: 204-662-3   |
| <b>LD<sub>50</sub> oral:</b> 7,400 mg/kg (Rabbit)  |
| <b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (Rat)  |
| <b>n-butyl acetate</b> CAS No.: 123-86-4 EC No.: 204-658-1   |
| <b>LD<sub>50</sub> oral:</b> >8,800 mg/kg (Rat)  |
| <b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (Rat)  |
| <b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> >17,600 mg/L (Rat)                        |
| <b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> >21 mg/L 4 h (Rat)                     |

<sup>1</sup>: Acute Toxicity Estimate. Harmonised (legal) classification.

#### Acute oral toxicity:

Based on available data, the classification criteria are not met.

#### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

#### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation:

Causes serious eye damage.

#### Respiratory or skin sensitisation:

May cause an allergic skin reaction.

#### 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.

#### STOT-single exposure:

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

#### Aspiration hazard:

Based on available data, the classification criteria are not met.

#### Additional information:

No data available

#### 11.2. Information on other hazards

No data available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |
|---|
| <b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b> CAS No.: 308062-28-4 EC No.: 931-292-6  |
| <b>LC<sub>50</sub></b> : 2.67 mg/L 4 d (fish, Pimephales promelas) APHA Standard Method (1971). Reliability, deviations, and validity evaluated against APHA Standard Method 8910 (1997).   |
| <b>LC<sub>50</sub></b> : 1.01 mg/L 4 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)  |
| <b>EC<sub>50</sub></b> : 3.1 mg/L 2 d (crustaceans, Daphnia magna)  |
| <b>EC<sub>50</sub></b> : 0.205 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)  |
| <b>NOEC</b> : 0.078 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)   |
| <b>NOEC</b> : $\geq$ 0.067 mg/L 28 d (Algae/water plant, Periphyton community. Two substrates (cobble, tile) were naturally colonized by periphyton in two high quality streams in Ohio (Little Miami River, Big Darby Creek). A total of 110 taxa were encountered.) |
| <b>NOEC</b> : 0.7 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)   |
| <b>LOEC</b> : 0.88 mg/L 302 d (fish, Pimephales promelas)   |
| <b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> CAS No.: 68891-38-3 EC No.: 500-234-8  |
| <b>LC<sub>50</sub></b> : 7.1 mg/L 4 d (fish, Brachydanio rerio) OECD 203  |
| <b>EC<sub>50</sub></b> : 7.4 mg/L 2 d (crustaceans, Daphnia magna) OECD 202   |
| <b>EC<sub>50</sub></b> : >10 - 100 mg/L 3 d (Algae/water plant, Alge) OECD 201  |
| <b>2-butoxyethanol</b> CAS No.: 111-76-2 EC No.: 203-905-0  |
| <b>LC<sub>50</sub></b> : 1,474 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout))   |
| <b>EC<sub>50</sub></b> : 1,550 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))   |
| <b>EC<sub>50</sub></b> : 1,840 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata)  |
| <b>isopentyl acetate</b> CAS No.: 123-92-2 EC No.: 204-662-3  |
| <b>LC<sub>50</sub></b> : 22 - 46 mg/L 4 d (fish, Danio rerio (zebrafish))   |
| <b>EC<sub>50</sub></b> : 42 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))  |
| <b>NOEC</b> : 129 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum))   |
| <b>n-butyl acetate</b> CAS No.: 123-86-4 EC No.: 204-658-1  |
| <b>LC<sub>50</sub></b> : 62 mg/L 4 d (fish, Leuciscus idus (golden orfe))   |
| <b>LC<sub>50</sub></b> : 17 - 19 mg/L 4 d (fish, Pimephales promelas)   |
| <b>LC<sub>50</sub></b> : 18 mg/L 4 d (crustaceans, Pimephales promelas (fathead minnow))  |
| <b>EC<sub>50</sub></b> : 44 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))  |
| <b>EC<sub>50</sub></b> : 675 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus)  |
| <b>EC<sub>50</sub></b> : =674.7 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus)   |
| <b>NOEC</b> : 23 mg/L (Algae/water plant, Daphnia magna (Big water flea))   |
| <b>NOEC</b> : 23.2 mg/L 21 d (Daphnia magna)  |
| <b>ErC<sub>50</sub></b> : 335 mg/L 1 d (Algae/water plant)  |
| <b>LOEC</b> : 47.6 mg/L 21 d (Daphnia magna)  |
| <b>2-methyl-2H-isothiazol-3-one</b> CAS No.: 2682-20-4 EC No.: 220-239-6  |
| <b>LC<sub>50</sub></b> : 0.07 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout))  |
| <b>EC<sub>50</sub></b> : 0.18 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))  |

#### Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

|  |
|--|
| <b>2-butoxyethanol</b> CAS No.: 111-76-2 EC No.: 203-905-0 |
| <b>Biodegradation:</b> Yes, rapidly                        |



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**n-butyl acetate** CAS No.: 123-86-4 EC No.: 204-658-1

**Biodegradation:** Yes, rapidly

### 12.3. Bioaccumulative potential

**Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides** CAS No.: 308062-28-4 EC No.: 931-292-6

**Log K<sub>OW</sub>:** < 2.7

**isopentyl acetate** CAS No.: 123-92-2 EC No.: 204-662-3

**Log K<sub>OW</sub>:** 2.7

**Bioconcentration factor (BCF):** 28.1

**n-butyl acetate** CAS No.: 123-86-4 EC No.: 204-658-1

**Log K<sub>OW</sub>:** 7

### Partition coefficient: n-octanol/water:

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

**Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides** CAS No.: 308062-28-4 EC No.: 931-292-6

**Results of PBT and vPvB assessment:** —

**Alcohols, C12-14, ethoxylated, sulfates, sodium salts** CAS No.: 68891-38-3 EC No.: 500-234-8

**Results of PBT and vPvB assessment:** —

**Isotridecanol, ethoxylated** CAS No.: 9043-30-5 EC No.: 500-027-2

**Results of PBT and vPvB assessment:** —

**2-butoxyethanol** CAS No.: 111-76-2 EC No.: 203-905-0

**Results of PBT and vPvB assessment:** —

**isopentyl acetate** CAS No.: 123-92-2 EC No.: 204-662-3

**Results of PBT and vPvB assessment:** —

**n-butyl acetate** CAS No.: 123-86-4 EC No.: 204-658-1

**Results of PBT and vPvB assessment:** —

**2-methyl-2H-isothiazol-3-one** CAS No.: 2682-20-4 EC No.: 220-239-6

**Results of PBT and vPvB assessment:** —

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### Waste treatment options

#### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

**Land transport (ADR/RID)**

**Inland waterway craft (ADN)**

**Sea transport (IMDG)**

**Air transport (ICAO-TI / IATA-DGR)**

### 14.1. UN number or ID number

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

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| Land transport (ADR/RID)                                   | Inland waterway craft (ADN)                                | Sea transport (IMDG)                                       | Air transport (ICAO-TI / IATA-DGR)                         |
|--|--|--|--|
| <b>14.2. UN proper shipping name</b>                       |  |  |  |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| <b>14.3. Transport hazard class(es)</b>                    |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.4. Packing group</b>                                 |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.5. Environmental hazards</b>                         |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.6. Special precautions for user</b>                  |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |

### 14.7. Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

No data available

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

| Substance name   | Type   | source of supply   |
|--|--|--|
| <b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b><br>CAS No.: 308062-28-4<br>EC No.: 931-292-6 | Classification of the substance or mixture; LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC | Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> |
| <b>isopentyl acetate</b><br>CAS No.: 123-92-2<br>EC No.: 204-662-3   | NOEC   | Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> |

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

| Hazard classes and hazard categories                              | Hazard statements  | Classification procedure |
|---|--|--------------------------|
| Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )         | H317: May cause an allergic skin reaction.               | Calculation method.      |
| Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )           | H318: Causes serious eye damage.                         | Calculation method.      |
| Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> ) | H412: Harmful to aquatic life with long lasting effects. | Calculation method.      |

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements |                              |
|-------------------|------------------------------|
| H226              | Flammable liquid and vapour. |
| H301              | Toxic if swallowed.          |

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### Hazard statements

|      |   |
|------|---|
| H302 | Harmful if swallowed.                                 |
| H311 | Toxic in contact with skin.                           |
| H314 | Causes severe skin burns and eye damage.              |
| H315 | Causes skin irritation.                               |
| H317 | May cause an allergic skin reaction.                  |
| H318 | Causes serious eye damage.                            |
| H319 | Causes serious eye irritation.                        |
| H330 | Fatal if inhaled.                                     |
| H332 | Harmful if inhaled.                                   |
| H336 | May cause drowsiness or dizziness.                    |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects.      |
| H412 | Harmful to aquatic life with long lasting effects.    |

### Supplemental hazard information

|        |   |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH071 | Corrosive to the respiratory tract.                   |

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available