

**Trade name:** Quick & Shine

**Product no.:** 168999

**Current version :** 1.0.0, issued: 08.04.2020

**Replaced version:** -, issued: -

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**Quick & Shine**

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

**Relevant identified uses of the substance or mixture**

Cleaner

**Uses advised against**

No data available.

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

**Address**

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

For information in the event of an emergency during transport:

+44 1865 407333

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**

-

**Signal word**

-

**Hazard statement(s)**

-

**Hazard statements (EU)**

EUH210

Safety data sheet available on request.

**Precautionary statement(s)**

-

**Supplemental label elements**

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Regulation (EC) No 648/2004 on detergents (Annex VII):

&lt; 5% non-ionic surfactants

Perfumings

LIMONENE

2-BROMO-2-NITROPROPANE-1,3-DIOL

OCTYLISOTHIAZOLINONE

**Labelling information**

The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

**2.3 Other hazards**

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Hazardous ingredients**

| No | Substance name              | Additional information  |                            |
|----|-----------------------------|---|----------------------------|
|    | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP)   | Concentration              |
|    |                             |   | %                          |
| 1  | <b>2-butoxyethanol</b>      |   |                            |
|    | 111-76-2                    | Acute Tox. 4; H302  | >= 5.00 - < 10.00 %-b.w.   |
|    | 203-905-0                   | Acute Tox. 4; H312  |                            |
|    | 603-014-00-0                | Acute Tox. 4; H332  |                            |
|    | 01-2119475108-36            | Eye Irrit. 2; H319<br>Skin Irrit. 2; H315   |                            |
| 2  | <b>bronopol</b>             |   | pls. refer to footnote (1) |
|    | 52-51-7                     | Acute Tox. 4*; H302   | < 0.10 %-b.w.              |
|    | 200-143-0                   | Acute Tox. 4*; H312   |                            |
|    | 603-085-00-8                | Aquatic Acute 1; H400   |                            |
|    | -                           | Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>STOT SE 3; H335<br>Aquatic Chronic 2; H411 |                            |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(\*, \*\*, \*\*\*, \*\*\*\*) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|-------------------------------|------------------|--------------------|
| 2  | -    | -                             | M = 10           | -                  |

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

**After inhalation**

Ensure supply of fresh air.

**After skin contact**

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When in contact with the skin, clean with soap and water.

**After eye contact**

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

**After ingestion**

Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media**

**Suitable extinguishing media**

Water spray jet; Carbon dioxide; Alcohol-resistant foam

**Unsuitable extinguishing media**

High power water jet

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

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear protective clothing.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8.

**For emergency responders**

Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

**6.4 Reference to other sections**

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours.

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

**Technical measures and storage conditions**

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

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in

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containers of same material as the original.

**Incompatible products**

Substances to be avoided, pls. See chapter 10.

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limit values**

| No | Substance name  | CAS no.  | EC no.                   |
|----|---|----------|--------------------------|
| 1  | 2-butoxyethanol   | 111-76-2 | 203-905-0                |
|    | <b>2000/39/EC</b>   |          |                          |
|    | 2-Butoxyethanol   |          |                          |
|    | WEL short-term (15 min reference period)                        | 246      | mg/m <sup>3</sup> 50 ppm |
|    | WEL long-term (8-hr TWA reference period)                       | 98       | mg/m <sup>3</sup> 20 ppm |
|    | Skin resorption / sensibilisation                               | Skin     |                          |
|    | <b>List of approved workplace exposure limits (WELs) / EH40</b> |          |                          |
|    | 2-Butoxyethanol   |          |                          |
|    | WEL short-term (15 min reference period)                        | 246      | mg/m <sup>3</sup> 50 ppm |
|    | WEL long-term (8-hr TWA reference period)                       | 123      | mg/m <sup>3</sup> 25 ppm |
|    | Comments  | Sk, BMGV |                          |

**DNEL, DMEL and PNEC values****DNEL values (worker)**

| No | Substance name    |                     |          | CAS / EC no                         |                   |
|----|-------------------|---------------------|----------|-------------------------------------|-------------------|
|    | Route of exposure | Exposure time       | Effect   | Value                               |                   |
| 1  | 2-butoxyethanol   |                     |          | <b>111-76-2</b><br><b>203-905-0</b> |                   |
|    | dermal            | Long term (chronic) | systemic | 125.00                              | mg/kg/day         |
|    | dermal            | Short term (acut)   | systemic | 89.00                               | mg/kg/day         |
|    | inhalative        | Long term (chronic) | systemic | 98.00                               | mg/m <sup>3</sup> |
|    | inhalative        | Short term (acut)   | systemic | 1091.00                             | mg/m <sup>3</sup> |
|    | inhalative        | Long term (chronic) | local    | 246.00                              | mg/m <sup>3</sup> |

**DNEL value (consumer)**

| No | Substance name    |                     |          | CAS / EC no                         |                   |
|----|-------------------|---------------------|----------|-------------------------------------|-------------------|
|    | Route of exposure | Exposure time       | Effect   | Value                               |                   |
| 1  | 2-butoxyethanol   |                     |          | <b>111-76-2</b><br><b>203-905-0</b> |                   |
|    | oral              | Long term (chronic) | systemic | 6.30                                | mg/kg/day         |
|    | oral              | Short term (acut)   | systemic | 26.70                               | mg/kg/day         |
|    | dermal            | Long term (chronic) | systemic | 75.00                               | mg/kg/day         |
|    | dermal            | Short term (acut)   | systemic | 89.00                               | mg/kg/day         |
|    | inhalative        | Long term (chronic) | systemic | 59.00                               | mg/m <sup>3</sup> |
|    | inhalative        | Short term (acut)   | systemic | 426.00                              | mg/m <sup>3</sup> |
|    | inhalative        | Long term (chronic) | local    | 147.00                              | mg/m <sup>3</sup> |

**PNEC values**

| No | Substance name         |              | CAS / EC no                         |      |
|----|------------------------|--------------|-------------------------------------|------|
|    | ecological compartment | Type         | Value                               |      |
| 1  | 2-butoxyethanol        |              | <b>111-76-2</b><br><b>203-905-0</b> |      |
|    | water                  | fresh water  | 8.80                                | mg/L |
|    | water                  | marine water | 0.88                                | mg/L |

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|-------------------------------|-----------------------|--------|------------------|
| water                         | fresh water sediment  | 34.60  | mg/kg            |
| with reference to: dry weight |                       |        |                  |
| water                         | marine water sediment | 3.46   | mg/kg            |
| water                         | Aqua intermittent     | 26.4   | mg/L             |
| soil                          | -                     | 2.33   | mg/kg dry weight |
| sewage treatment plant        | -                     | 463.00 | mg/L             |
| secondary poisoning           | -                     | 0.02   | g/kg             |

## 8.2 Exposure controls

### Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

#### Eye / face protection

Safety glasses (EN 166)

#### Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

#### Other

Chemical-resistant work clothes.

#### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |          |
|--|----------|
| <b>Form/Colour</b>                               |          |
| liquid   |          |
| opaque   |          |
| <b>Odour</b>                                     |          |
| fruity   |          |
| <b>Odour threshold</b>                           |          |
| No data available                                |          |
| <b>pH value</b>                                  |          |
| No data available                                |          |
| <b>Boiling point / boiling range</b>             |          |
| No data available                                |          |
| <b>Melting point / melting range</b>             |          |
| No data available                                |          |
| <b>Decomposition point / decomposition range</b> |          |
| No data available                                |          |
| <b>Flash point</b>                               |          |
| Value  | > 100 °C |

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|   |                       |                   |               |
|---|-----------------------|-------------------|---------------|
| <b>Auto-ignition temperature</b>              |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Oxidising properties</b>                   |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Explosive properties</b>                   |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Flammability (solid, gas)</b>              |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Lower flammability or explosive limits</b> |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Upper flammability or explosive limits</b> |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Vapour pressure</b>                        |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Vapour density</b>                         |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Evaporation rate</b>                       |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Relative density</b>                       |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Density</b>                                |                       |                   |               |
| Value   | 1                     | g/cm <sup>3</sup> |               |
| Reference temperature                         | 20                    | °C                |               |
| <b>Solubility in water</b>                    |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Solubility(ies)</b>                        |                       |                   |               |
| No data available                             |                       |                   |               |
| <b>Partition coefficient: n-octanol/water</b> |                       |                   |               |
| <b>No</b>                                     | <b>Substance name</b> | <b>CAS no.</b>    | <b>EC no.</b> |
| 1   | 2-butoxyethanol       | 111-76-2          | 203-905-0     |
| log Pow                                       |                       | 0.81              |               |
| Reference temperature                         |                       | 25                | °C            |
| Source  | ECHA                  |                   |               |
| <b>Viscosity</b>                              |                       |                   |               |
| No data available                             |                       |                   |               |

**9.2 Other information**

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

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**10.4 Conditions to avoid**

No data available.

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

No data available.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity (result of the ATE calculation for the mixture)**

| No  | Product Name  |
|---|---------------|
| 1   | Quick & Shine |
| Comments  |               |
| The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg). |               |

**Acute oral toxicity**

| No      | Substance name  | CAS no.  | EC no.           |
|---------|-----------------|----------|------------------|
| 1       | 2-butoxyethanol | 111-76-2 | 203-905-0        |
| LD50    |                 | 1746     | mg/kg bodyweight |
| Species |                 | rat      |                  |
| Method  |                 | OECD 401 |                  |
| Source  |                 | ECHA     |                  |

**Acute dermal toxicity (result of the ATE calculation for the mixture)**

| No  | Product Name  |
|---|---------------|
| 1   | Quick & Shine |
| Comments  |               |
| The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg). |               |

**Acute dermal toxicity**

| No      | Substance name  | CAS no.    | EC no.           |
|---------|-----------------|------------|------------------|
| 1       | 2-butoxyethanol | 111-76-2   | 203-905-0        |
| LD50    |                 | > 2000     | mg/kg bodyweight |
| Species |                 | guinea pig |                  |
| Method  |                 | OECD 402   |                  |
| Source  |                 | ECHA       |                  |

**Acute inhalational toxicity (result of the ATE calculation for the mixture)**

| No   | Product Name  |
|--|---------------|
| 1  | Quick & Shine |
| Comments   |               |
| The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)). |               |

**Acute inhalational toxicity**

| No | Substance name  | CAS no.  | EC no.    |
|----|-----------------|----------|-----------|
| 1  | 2-butoxyethanol | 111-76-2 | 203-905-0 |

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|                      |           |      |
|----------------------|-----------|------|
| ATE                  | 1.5       | mg/l |
| Duration of exposure | 4         | h    |
| State of aggregation | Dust/mist |      |
| Species              | rat       |      |

| Skin corrosion/irritation |                 |          |           |
|---------------------------|-----------------|----------|-----------|
| No                        | Substance name  | CAS no.  | EC no.    |
| 1                         | 2-butoxyethanol | 111-76-2 | 203-905-0 |
| Duration of exposure      |                 | 4        | h         |
| Species                   | rabbit          |          |           |
| Method                    | EU B.4          |          |           |
| Source                    | ECHA            |          |           |
| Evaluation                | irritant        |          |           |

| Serious eye damage/irritation |                    |          |           |
|-------------------------------|--------------------|----------|-----------|
| No                            | Substance name     | CAS no.  | EC no.    |
| 1                             | 2-butoxyethanol    | 111-76-2 | 203-905-0 |
| Duration of exposure          |                    | 24       | h         |
| Species                       | rabbit             |          |           |
| Method                        | OECD 405           |          |           |
| Source                        | ECHA               |          |           |
| Evaluation                    | Irritating to eyes |          |           |

| Respiratory or skin sensitisation |                 |          |           |
|-----------------------------------|-----------------|----------|-----------|
| No                                | Substance name  | CAS no.  | EC no.    |
| 1                                 | 2-butoxyethanol | 111-76-2 | 203-905-0 |
| Route of exposure                 | Skin            |          |           |
| Species                           | guinea pig      |          |           |
| Method                            | OECD 406        |          |           |
| Source                            | ECHA            |          |           |
| Evaluation                        | non-sensitizing |          |           |

| Germ cell mutagenicity    |   |          |           |
|---------------------------|---|----------|-----------|
| No                        | Substance name  | CAS no.  | EC no.    |
| 1                         | 2-butoxyethanol   | 111-76-2 | 203-905-0 |
| Method                    | OECD 471  |          |           |
| Source                    | ECHA  |          |           |
| Evaluation/classification | Based on available data, the classification criteria are not met. |          |           |

| Reproduction toxicity |  |  |  |
|-----------------------|--|--|--|
| No data available     |  |  |  |

| Carcinogenicity           |   |          |           |
|---------------------------|---|----------|-----------|
| No                        | Substance name  | CAS no.  | EC no.    |
| 1                         | 2-butoxyethanol   | 111-76-2 | 203-905-0 |
| Species                   | rat   |          |           |
| Method                    | OECD 451  |          |           |
| Source                    | ECHA  |          |           |
| Evaluation/classification | Based on available data, the classification criteria are not met. |          |           |

| STOT - single exposure |  |  |  |
|------------------------|--|--|--|
| No data available      |  |  |  |

| STOT - repeated exposure |  |  |  |
|--------------------------|--|--|--|
| No data available        |  |  |  |

| Aspiration hazard |  |  |  |
|-------------------|--|--|--|
| No data available |  |  |  |

## SECTION 12: Ecological information



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## 12.1 Toxicity

| Toxicity to fish (acute) |                     |          |           |
|--------------------------|---------------------|----------|-----------|
| No                       | Substance name      | CAS no.  | EC no.    |
| 1                        | 2-butoxyethanol     | 111-76-2 | 203-905-0 |
| LC50                     | >                   | 1474     | mg/l      |
| Duration of exposure     |                     | 96       | h         |
| Species                  | Oncorhynchus mykiss |          |           |
| Method                   | OECD 203            |          |           |
| Source                   | ECHA                |          |           |

| Toxicity to fish (chronic) |                 |          |           |
|----------------------------|-----------------|----------|-----------|
| No                         | Substance name  | CAS no.  | EC no.    |
| 1                          | 2-butoxyethanol | 111-76-2 | 203-905-0 |
| NOEC                       | >               | 100      | mg/l      |
| Duration of exposure       |                 | 21       | day(s)    |
| Species                    | Danio rerio     |          |           |
| Method                     | OECD 204        |          |           |
| Source                     | ECHA            |          |           |

| Toxicity to Daphnia (acute) |                 |          |           |
|-----------------------------|-----------------|----------|-----------|
| No                          | Substance name  | CAS no.  | EC no.    |
| 1                           | 2-butoxyethanol | 111-76-2 | 203-905-0 |
| EC50                        |                 | 1550     | mg/l      |
| Duration of exposure        |                 | 48       | h         |
| Species                     | Daphnia magna   |          |           |
| Method                      | OECD 202        |          |           |
| Source                      | ECHA            |          |           |

| Toxicity to Daphnia (chronic) |                 |          |           |
|-------------------------------|-----------------|----------|-----------|
| No                            | Substance name  | CAS no.  | EC no.    |
| 1                             | 2-butoxyethanol | 111-76-2 | 203-905-0 |
| NOEC                          |                 | 100      | mg/l      |
| Duration of exposure          |                 | 21       | day(s)    |
| Species                       | Daphnia magna   |          |           |
| Method                        | OECD 211        |          |           |
| Source                        | ECHA            |          |           |

| Toxicity to algae (acute) |                                 |          |           |
|---------------------------|---------------------------------|----------|-----------|
| No                        | Substance name                  | CAS no.  | EC no.    |
| 1                         | 2-butoxyethanol                 | 111-76-2 | 203-905-0 |
| EC50                      |                                 | 911      | mg/l      |
| Duration of exposure      |                                 | 72       | h         |
| Species                   | Pseudokirchneriella subcapitata |          |           |
| Method                    | OECD 201                        |          |           |
| Source                    | ECHA                            |          |           |

| Toxicity to algae (chronic) |  |  |  |
|-----------------------------|--|--|--|
| No data available           |  |  |  |

| Bacteria toxicity |  |  |  |
|-------------------|--|--|--|
| No data available |  |  |  |

## 12.2 Persistence and degradability

| Biodegradability |                        |          |           |
|------------------|------------------------|----------|-----------|
| No               | Substance name         | CAS no.  | EC no.    |
| 1                | 2-butoxyethanol        | 111-76-2 | 203-905-0 |
| Type             | aerobic biodegradation |          |           |
| Value            |                        | 90.4     | %         |
| Duration         |                        | 28       | day(s)    |

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|            |                       |
|------------|-----------------------|
| Method     | OECD 301 B            |
| Source     | ECHA                  |
| Evaluation | readily biodegradable |

**12.3 Bioaccumulative potential**

| Partition coefficient: n-octanol/water |                 |          |           |
|--|-----------------|----------|-----------|
| No                                     | Substance name  | CAS no.  | EC no.    |
| 1                                      | 2-butoxyethanol | 111-76-2 | 203-905-0 |
| log Pow                                |                 | 0.81     |           |
| Reference temperature                  |                 | 25       | °C        |
| Source                                 |                 | ECHA     |           |

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

| Results of PBT and vPvB assessment |   |
|------------------------------------|---|
| PBT assessment                     | The components of this product are not considered to be a PBT.  |
| vPvB assessment                    | The components of this product are not considered to be a vPvB. |

**12.6 Other adverse effects**

No data available.

**12.7 Other information**

| Other information  |
|--|
| Do not discharge product unmonitored into the environment. |

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations.

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

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**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XVII of the REACH regulation (EC) 1907/2006.

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.  
The surfactants contained in this product comply with the DetVO 648/2004/EC.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|      |  |
|------|--|
| H302 | Harmful if swallowed.                            |
| H312 | Harmful in contact with skin.                    |
| H315 | Causes skin irritation.                          |
| H318 | Causes serious eye damage.                       |
| H319 | Causes serious eye irritation.                   |
| H332 | Harmful if inhaled.                              |
| H335 | May cause respiratory irritation.                |
| H400 | Very toxic to aquatic life.                      |
| H411 | Toxic to aquatic life with long lasting effects. |

**Department issuing safety data sheet**

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

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**Product no.:** 168999

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**Replaced version:** -, issued: -

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It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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