



# VEGA - Odor Neutralizer

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 11/26/2020 Revision date: 10/22/2024 Supersedes version of: 1/10/2024 Version: 5.0

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

#### 1.1. Product identifier

|               |                           |
|---------------|---------------------------|
| Product form  | : Mixture                 |
| Trade name    | : VEGA - Odor Neutralizer |
| UFI           | : CK1R-GF74-E508-6WKN     |
| Product code  | : 115555670               |
| Product group | : Trade product           |

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

##### Relevant identified uses

|                              |                                  |
|------------------------------|----------------------------------|
| Intended for general public  |                                  |
| Main use category            | : Consumer use                   |
| Use of the substance/mixture | : Textile fresheners/deodorisers |

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

##### Manufacturer

Brands Alliance s.r.o. Ltd  
Pri Šajbách 1  
SK 831 06 Bratislava  
T +421244871700  
[msds@brandsalliance.eu](mailto:msds@brandsalliance.eu), [www.brandsalliance.eu](http://www.brandsalliance.eu)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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

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

|  |      |
|--|------|
| Skin sensitisation, Category 1                     | H317 |
| Full text of H- and EUH-statements: see section 16 |      |

##### Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

|                                |   |
|--------------------------------|---|
| Signal word (CLP)              | : Warning   |
| Contains                       | : 2-methyl-2H-isothiazol-3-one  |
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.   |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children.<br>P261 - Avoid breathing vapours, mist.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P280 - Wear protective gloves, eye protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P362+P364 - Take off contaminated clothing and wash it before reuse.<br>P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |

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### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name  | Product identifier  | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|---|-----------|--|
| Ethanol; Ethyl alcohol<br>substance with national workplace exposure limit(s)<br>(DE, GB, NL, PL, SK) | CAS-No.: 64-17-5<br>EC-No.: 200-578-6<br>EC Index-No.: 603-002-00-5   | 1 – 5     | Flam. Liq. 2, H225   |
| Triethylene glycol<br>substance with national workplace exposure limit(s)<br>(DE)                     | CAS-No.: 112-27-6<br>EC-No.: 203-953-2                                | 1 – 5     | Not classified   |
| Polysorbate 80  | CAS-No.: 9005-65-6  | 1 – 5     | Aquatic Chronic 3, H412  |
| Isopropyl alcohol<br>substance with national workplace exposure limit(s)<br>(DE, GB, PL, SI, SK)      | CAS-No.: 67-63-0<br>EC-No.: 200-661-7<br>EC Index-No.: 603-117-00-0   | 0.1 – 0.5 | Flam. Liq. 1, H224<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  |
| 2-methyl-2H-isothiazol-3-one  | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9 | < 0.1     | Acute Tox. 2 (Inhalation), H330<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Oral), H301<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 |
| Isopentyl acetate<br>substance with national workplace exposure limit(s)<br>(DE, NL, PL, SK)          | CAS-No.: 123-92-2<br>EC-No.: 204-662-3<br>EC Index-No.: 607-130-00-2  | < 0.1     | Flam. Liq. 3, H226   |
| Allyl alcohol<br>substance with national workplace exposure limit(s)<br>(DE, GB, NL, PL, SK)          | CAS-No.: 107-18-6<br>EC-No.: 203-470-7<br>EC Index-No.: 603-015-00-6  | < 0.1     | Flam. Liq. 2, H225<br>Acute Tox. 3 (Inhalation), H331<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Oral), H301<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Skin Irrit. 2, H315<br>Aquatic Acute 1, H400               |

#### Specific concentration limits:

| Name                         | Product identifier  | Specific concentration limits (%)                |
|------------------------------|---|--|
| 2-methyl-2H-isothiazol-3-one | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9 | (0.0015 $\leq$ C $\leq$ 100) Skin Sens. 1A; H317 |

Full text of H- and EUH-statements: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If you feel unwell, seek medical advice.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.   |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction.  |
| Symptoms/effects after eye contact  | : None under normal conditions.   |
| Symptoms/effects after ingestion    | : None under normal conditions.   |

#### 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   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|  |                                |
|--|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6: Accidental release measures

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

|                  |  |
|------------------|--|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
|------------------|--|

##### For non-emergency personnel

|                      |  |
|----------------------|--|
| Protective equipment | : Wear recommended personal protective equipment.  |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. |

##### For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so.   |

#### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |   |
|-------------------------|---|
| For containment         | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : Take up liquid spill into absorbent material.   |
| Other information       | : Dispose of materials or solid residues at an authorized site.   |

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.  |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.  |
| Hygiene measures                  | : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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

|                     |   |
|---------------------|---|
| Technical measures  | : Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions  | : Keep cool. Protect from sunlight.   |
| Packaging materials | : Store always product in container of same material as original container. |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Safety glasses.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Safety glasses

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

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### Hand protection

| Type              | Material   | Permeation        | Thickness (mm) | Penetration | Standard                                 |
|-------------------|--|-------------------|----------------|-------------|--|
| Disposable gloves | Nitrile rubber (NBR),<br>Chloroprene rubber (CR) | 6 (> 480 minutes) | 0,4-0,7        |             | EN ISO 374, EN<br>ISO 374-1, EN<br>374-2 |

### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|   |                     |
|---|---------------------|
| Physical state                                  | : Liquid            |
| Colour  | : light yellow.     |
| Appearance                                      | : Liquid.           |
| Odour   | : Fruity.           |
| Odour threshold                                 | : Not available     |
| Melting point                                   | : Not available     |
| Freezing point                                  | : < -20 °C          |
| Boiling point                                   | : Not available     |
| Flammability                                    | : Non flammable.    |
| Lower explosion limit                           | : Not available     |
| Upper explosion limit                           | : Not available     |
| Flash point                                     | : Not available     |
| Auto-ignition temperature                       | : Not available     |
| Decomposition temperature                       | : Not available     |
| pH  | : Not available     |
| Viscosity, kinematic                            | : Not available     |
| Solubility                                      | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available     |
| Vapour pressure                                 | : Not available     |
| Vapour pressure at 50°C                         | : Not available     |
| Density   | : Not available     |
| Relative density                                | : Not available     |
| Relative vapour density at 20°C                 | : Not available     |
| Particle characteristics                        | : Not applicable    |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Triethylene glycol (112-27-6)

|                       |                                     |
|-----------------------|-------------------------------------|
| LD50 oral rat         | > 2000 mg/kg bodyweight Animal: rat |
| LD50 dermal rabbit    | > 5000 mg/kg Source: IUCLID         |
| LC50 Inhalation - Rat | > 5.2 mg/l air Animal: rat          |

#### Ethanol; Ethyl alcohol (64-17-5)

|               |  |
|---------------|--|
| LD50 oral rat | 15010 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 14450 - 15560 |
| LD50 oral     | 8300 mg/kg bodyweight Animal: mouse  |

#### Polysorbate 80 (9005-65-6)

|                       |  |
|-----------------------|--|
| LD50 oral             | 5000 mg/kg   |
| LC50 Inhalation - Rat | > 5.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity) |

#### Allyl alcohol (107-18-6)

|                                 |   |
|---------------------------------|---|
| LD50 oral rat                   | 99 – 105 mg/kg Source: ECHA   |
| LD50 oral                       | 64 mg/kg  |
| LD50 dermal rabbit              | 89 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 40 - 250 |
| LD50 dermal                     | 45 mg/kg  |
| LC50 Inhalation - Rat (Vapours) | 0.3 mg/l/4h   |

#### Isopentyl acetate (123-92-2)

|                    |   |
|--------------------|---|
| LD50 oral rat      | 7410 mg/kg Source: HSDB, ChemIDplus, NITE |
| LD50 dermal rabbit | > 5000 mg/kg Source: ChemIDPLUS           |

#### 2-methyl-2H-isothiazol-3-one (2682-20-4)

|                                   |                        |
|-----------------------------------|------------------------|
| LD50 oral rat                     | 66 – 105 mg/kg         |
| LD50 dermal rat                   | 141 mg/kg Source: NCIS |
| LD50 dermal rabbit                | 200 mg/kg              |
| LC50 Inhalation - Rat (Dust/Mist) | 0.33 mg/l              |

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|   |   |
|---|---|
| <b>Isopropyl alcohol (67-63-0)</b>              |   |
| LD50 oral rat                                   | 5840 mg/l Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)  |
| LD50 oral                                       | 4384 mg/kg  |
| LD50 dermal rabbit                              | 16400 mg/kg Source: ECHA  |
| LD50 dermal                                     | 4000 mg/kg  |
| Skin corrosion/irritation                       | : Not classified  |
| <b>Ethanol; Ethyl alcohol (64-17-5)</b>         |   |
| pH  | 7 Source: chemicalbook  |
| <b>Polysorbate 80 (9005-65-6)</b>               |   |
| pH  | 6   |
| <b>2-methyl-2H-isothiazol-3-one (2682-20-4)</b> |   |
| pH  | 2.58 Temp.: 25 °C Concentration: 50 g/L   |
| Serious eye damage/irritation                   | : Not classified  |
| <b>Ethanol; Ethyl alcohol (64-17-5)</b>         |   |
| pH  | 7 Source: chemicalbook  |
| <b>Polysorbate 80 (9005-65-6)</b>               |   |
| pH  | 6   |
| <b>2-methyl-2H-isothiazol-3-one (2682-20-4)</b> |   |
| pH  | 2.58 Temp.: 25 °C Concentration: 50 g/L   |
| Respiratory or skin sensitisation               | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity                          | : Not classified  |
| Carcinogenicity                                 | : Not classified  |
| <b>Triethylene glycol (112-27-6)</b>            |   |
| NOAEL (chronic, oral, animal/male, 2 years)     | 1210 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:Effect type: carcinogenicity (migrated information)    |
| NOAEL (chronic, oral, animal/female, 2 years)   | 1160 mg/kg bodyweight Animal: rat, Animal sex: female, Remarks on results: other: Effect type: carcinogenicity (migrated information) |
| <b>Ethanol; Ethyl alcohol (64-17-5)</b>         |   |
| IARC group                                      | 1 - Carcinogenic to humans  |
| <b>Isopropyl alcohol (67-63-0)</b>              |   |
| IARC group                                      | 3 - Not classifiable  |
| Reproductive toxicity                           | : Not classified  |
| STOT-single exposure                            | : Not classified  |
| <b>Allyl alcohol (107-18-6)</b>                 |   |
| STOT-single exposure                            | May cause respiratory irritation.   |
| <b>Isopropyl alcohol (67-63-0)</b>              |   |
| STOT-single exposure                            | May cause drowsiness or dizziness.  |
| STOT-repeated exposure                          | : Not classified  |
| <b>Ethanol; Ethyl alcohol (64-17-5)</b>         |   |
| NOAEL (subchronic, oral, animal/male, 90 days)  | < 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)              |

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| Ethanol; Ethyl alcohol (64-17-5)                 |   |
|--|---|
| NOAEL (subchronic, oral, animal/female, 90 days) | > 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)                |
| Allyl alcohol (107-18-6)                         |   |
| LOAEL (oral, rat, 90 days)                       | 6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)         |
| NOAEL (oral, rat, 90 days)                       | 3 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)                             |
| Isopentyl acetate (123-92-2)                     |   |
| NOAEL (subchronic, oral, animal/female, 90 days) | 443.07 mg/kg bodyweight Animal: Animal sex: female  |
| 2-methyl-2H-isothiazol-3-one (2682-20-4)         |   |
| LOAEL (oral, rat, 90 days)                       | 71.2 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: other: |
| Aspiration hazard : Not classified               |   |
| Triethylene glycol (112-27-6)                    |   |
| Viscosity, kinematic                             | 42.301 mm²/s  |
| Allyl alcohol (107-18-6)                         |   |
| Viscosity, kinematic                             | > 11.71 mm²/s   |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |

| Triethylene glycol (112-27-6)    |   |
|----------------------------------|---|
| LC50 - Fish [1]                  | > 10000 mg/l Test organisms (species): Lepomis macrochirus            |
| EC50 - Crustacea [1]             | > 10000 mg/l Test organisms (species): Daphnia magna                  |
| EC50 96h - Algae [1]             | 20518 mg/l Test organisms (species): other:                           |
| NOEC (chronic)                   | > 15000 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| Ethanol; Ethyl alcohol (64-17-5) |   |
| LC50 - Fish [1]                  | 14.2 g/l Test organisms (species): Pimephales promelas                |
| EC50 - Crustacea [1]             | 5463 mg/l   |
| ErC50 algae                      | 1000 mg/l   |
| NOEC (chronic)                   | 9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d'      |
| NOEC chronic crustacea           | 9.6 mg/l  |



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|   |   |
|---|---|
| <b>Polysorbate 80 (9005-65-6)</b>               |   |
| LC50 - Fish [1]                                 | 817.89 mg/l Source: ECOSAR  |
| EC50 96h - Algae [1]                            | 62.072 mg/l Source: ECOSAR  |
| <b>Allyl alcohol (107-18-6)</b>                 |   |
| LC50 - Fish [1]                                 | 0.589 mg/l Test organisms (species): Oryzias latipes  |
| EC50 - Crustacea [1]                            | 1.65 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h - Algae [1]                            | 2.25 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2]                            | 5.38 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| ErC50 algae                                     | 5.38 mg/l Source: ECHA  |
| LOEC (chronic)                                  | > 0.919 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| NOEC (chronic)                                  | 0.919 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| NOEC chronic crustacea                          | 0.919 mg/l  |
| <b>Isopentyl acetate (123-92-2)</b>             |   |
| LC50 - Fish [1]                                 | 22 – 46 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)   |
| EC50 - Crustacea [1]                            | 42 mg/l Test organisms (species): other:Daphnia magna STRAUS  |
| <b>2-methyl-2H-isothiazol-3-one (2682-20-4)</b> |   |
| LC50 - Fish [1]                                 | 0.07 – 0.19 mg/l Source: ECOTOX   |
| EC50 - Crustacea [1]                            | 0.18 mg/l   |
| EC50 96h - Algae [1]                            | 0.445 mg/l Source: ECHA   |
| <b>Isopropyl alcohol (67-63-0)</b>              |   |
| LC50 - Fish [1]                                 | 10000 mg/l Test organisms (species): Pimephales promelas  |
| LC50 - Fish [2]                                 | 9640 mg/l Test organisms (species): Pimephales promelas   |
| EC50 - Crustacea [1]                            | 3025 mg/l   |
| <b>12.2. Persistence and degradability</b>      |   |
| <b>VEGA - Odor Neutralizer</b>                  |   |
| Persistence and degradability                   | Not rapidly degradable  |
| <b>Triethylene glycol (112-27-6)</b>            |   |
| Persistence and degradability                   | Not rapidly degradable  |
| <b>Ethanol; Ethyl alcohol (64-17-5)</b>         |   |
| Persistence and degradability                   | Rapidly degradable  |
| <b>Polysorbate 80 (9005-65-6)</b>               |   |
| Persistence and degradability                   | Not rapidly degradable  |
| <b>Allyl alcohol (107-18-6)</b>                 |   |
| Persistence and degradability                   | Rapidly degradable  |
| <b>Isopentyl acetate (123-92-2)</b>             |   |
| Persistence and degradability                   | Not rapidly degradable  |

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### 2-methyl-2H-isothiazol-3-one (2682-20-4)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Isopropyl alcohol (67-63-0)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

## 12.3. Bioaccumulative potential

### Triethylene glycol (112-27-6)

|   |                          |
|---|--------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -1.98 Source: ChemIDplus |
|---|--------------------------|

### Ethanol; Ethyl alcohol (64-17-5)

|   |                    |
|---|--------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 Source: ICSC |
|---|--------------------|

### Allyl alcohol (107-18-6)

|   |                   |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.17 Source: HSDB |
|---|-------------------|

### Isopentyl acetate (123-92-2)

|   |      |
|---|------|
| Partition coefficient n-octanol/water (Log Pow) | 2.13 |
|---|------|

### 2-methyl-2H-isothiazol-3-one (2682-20-4)

|   |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -0.49 |
|---|-------|

### Isopropyl alcohol (67-63-0)

|   |                   |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 Source: ICSC |
|---|-------------------|

## 12.4. Mobility in soil

### Isopentyl acetate (123-92-2)

|                  |                  |
|------------------|------------------|
| Mobility in soil | 130 Source: HSDB |
|------------------|------------------|

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14: Transport information

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

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| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |               |               |
| Not regulated for transport             |               |               |               |               |
| <b>14.2. UN proper shipping name</b>    |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |               |

### 14.6. Special precautions for user

**Overland transport**

Not regulated

**Transport by sea**

Not regulated

**Air transport**

Not regulated

**Inland waterway transport**

Not regulated

**Rail transport**

Not regulated

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

Not applicable

## SECTION 15: Regulatory information

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

**EU-Regulations**

**REACH Annex XVII (Restriction List)**

| EU restriction list (REACH Annex XVII) |  |   |
|--|--|---|
| Reference code                         | Applicable on  | Entry title or description  |
| 3(a)                                   | Ethanol; Ethyl alcohol ; Allyl alcohol ; Isopentyl acetate ; Isopropyl alcohol             | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F          |
| 3(b)                                   | VEGA - Odor Neutralizer ; Allyl alcohol ; 2-methyl-2H-isothiazol-3-one ; Isopropyl alcohol | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |

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| EU restriction list (REACH Annex XVII) |  |  |
|--|--|--|
| Reference code                         | Applicable on  | Entry title or description   |
| 3(c)                                   | Polysorbate 80 ; Allyl alcohol ; 2-methyl-2H-isothiazol-3-one                  | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1  |
| 40.                                    | Ethanol; Ethyl alcohol ; Allyl alcohol ; Isopentyl acetate ; Isopropyl alcohol | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: Other information**

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |

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| Abbreviations and acronyms: |  |
|-----------------------------|--|
| EN                          | European Standard  |
| IARC                        | International Agency for Research on Cancer                                  |
| IATA                        | International Air Transport Association                                      |
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration  |
| LD50                        | Median lethal dose   |
| LOAEL                       | Lowest Observed Adverse Effect Level   |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level   |
| NOEC                        | No-Observed Effect Concentration   |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit  |
| PBT                         | Persistent Bioaccumulative Toxic   |
| PNEC                        | Predicted No-Effect Concentration  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet  |
| STP                         | Sewage treatment plant   |
| ThOD                        | Theoretical oxygen demand (ThOD)   |
| TLM                         | Median Tolerance Limit   |
| VOC                         | Volatile Organic Compounds   |
| CAS-No.                     | Chemical Abstract Service number   |
| N.O.S.                      | Not Otherwise Specified  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| ED                          | Endocrine disruptor  |

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 2 (Inhalation)           | Acute toxicity (inhal.), Category 2                               |
| Acute Tox. 3 (Dermal)               | Acute toxicity (dermal), Category 3                               |
| Acute Tox. 3 (Inhalation)           | Acute toxicity (inhal.), Category 3                               |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 1                        | Flammable liquids, Category 1                                     |
| Flam. Liq. 2                        | Flammable liquids, Category 2                                     |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                     |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B            |

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2  |
| Skin Sens. 1A                       | Skin sensitisation, category 1A  |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H224                                | Extremely flammable liquid and vapour.   |
| H225                                | Highly flammable liquid and vapour.  |
| H226                                | Flammable liquid and vapour.   |
| H301                                | Toxic 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.  |
| H331                                | Toxic if inhaled.  |
| H335                                | May cause respiratory irritation.  |
| H336                                | May cause drowsiness or dizziness.   |
| H400                                | Very toxic to aquatic life.  |
| H410                                | Very toxic to aquatic life with long lasting effects.                                      |
| H412                                | Harmful to aquatic life with long lasting effects.   |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.