

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : DETMOL-BIO.A L  
UFI : SF30-E0CY-C00P-9C8J

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Pesticide

##### 1.2.2. Uses advised against

No additional information available.

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

##### Manufacturer

808 BIOZIDE GmbH & Co. KG  
Am Reislebach 83  
72461 Albstadt  
T +49 (0) 74 32-956 - 0, F +49 (0) 74 32-956 - 138  
E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

#### 1.4. Emergency telephone number

Emergency number : INTERNATIONAL: +49 (0) 6132 - 84463, GBK GmbH (24 h - 7 d/w - 365 d/a)

### 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  
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410  
Full text of H- and EUH-statements: see section 16

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

Pressurised container: May burst if heated. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Contains

: Permethrin (ISO); Tetramethrine (ISO)

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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P391 - Collect spillage.  
P501 - Dispose of contents and container to in accordance with local and national regulations.

### 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

Comments : Mixture of the substances listed below with nonhazardous additives

| Name                | Product identifier                                                     | %   | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                            |
|---------------------|------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Permethrin (ISO)    | CAS-No.: 52645-53-1<br>EC-No.: 258-067-9<br>EC Index-No.: 613-058-00-2 | 2   | Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h)<br>Acute Tox. 4 (Oral), H302<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=1000)<br>Aquatic Chronic 1, H410 (M=1000) |
| Tetramethrine (ISO) | CAS-No.: 7696-12-0<br>EC-No.: 231-711-6<br>EC Index-No.: 607-727-00-8  | 0.2 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Carc. 2, H351<br>STOT SE 2, H371<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100)               |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Remove contaminated clothing and shoes. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after inhalation : Move to fresh air in case of accidental inhalation of vapours or decomposition products. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Wash off immediately with soap and plenty of water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.

First-aid measures after ingestion : Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Take medical advice immediately.

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

Symptoms/effects after inhalation : Inhalation of vapours may cause respiratory irritation.

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Direct contact with the eyes is likely to be irritating.

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Product does not burn, fire-extinguishing activities according to surrounding. Foam. Carbon dioxide (CO<sub>2</sub>). Chemical powder. Water spray.
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

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

- Fire hazard : Product itself does not burn.
- Explosion hazard : Product is not explosive.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>).

#### 5.3. Advice for firefighters

- Precautionary measures fire : Cool endangered containers with water spray jet.
- Firefighting instructions : Fight fire from safe distance and protected location.
- Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.
- Other information : Collect contaminated extinguishing water separately and must not enter the sewage system. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

### SECTION 6: Accidental release measures

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

- General measures : Ensure adequate air ventilation. Evacuate personnel to a safe area.
- 6.1.1. For non-emergency personnel**
- Emergency procedures : Avoid breathing vapours. Avoid contact with skin, eyes and clothing.
- 6.1.2. For emergency responders**
- Emergency procedures : Wear personal protective equipment. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

#### 6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas. Avoid release to the environment.

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

- For containment : Dam up the liquid spill.
- Methods for cleaning up : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Shovel or sweep up and put in a closed container for disposal. Ventilate the area thoroughly.
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8. For disposal of residues refer to section 13 : Disposal considerations" ".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not breathe vapours. Vapours are heavier than air and may spread along floors. Avoid contact with skin and eyes. Wear suitable respiratory equipment in case of insufficient ventilation.
- Hygiene measures : At work do not eat, drink, smoke or take drugs. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not inhale vapour.

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

Storage conditions : Keep container tightly closed in a dry, cool and well-ventilated place. Keep out of frost.  
Storage area : Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

See Section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available.

#### 8.1.2. Recommended monitoring procedures

| Monitoring methods            |                                                       |
|-------------------------------|-------------------------------------------------------|
| Monitoring methods            | A specific exposure sampling method is not available. |
| Biological monitoring methods | A specific exposure sampling method is not available  |

#### 8.1.3. Air contaminants formed

No additional information available.

#### 8.1.4. DNEL and PNEC

No additional information available.

#### 8.1.5. Control banding

No additional information available.

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available.

#### 8.2.2. Personal protection equipment

##### 8.2.2.1. Eye and face protection

| Eye protection              |                           |                 |          |
|-----------------------------|---------------------------|-----------------|----------|
| Type                        | Field of application      | Characteristics | Standard |
| Protective goggles (EN 166) | Liquid splashes may occur |                 | EN 166   |

##### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear standard protective suit (plant protection) when spreading/handling the product (CE 93 0120).

| Skin and body protection         |             |
|----------------------------------|-------------|
| Type                             | Standard    |
| Long sleeved protective clothing | EN ISO 6530 |

| Hand protection                        |                      |                   |                |             |              |
|----------------------------------------|----------------------|-------------------|----------------|-------------|--------------|
| Type                                   | Material             | Permeation        | Thickness (mm) | Penetration | Standard     |
| Chemically resistant protective gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | > 0,4          |             | EN ISO 374-1 |

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### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Use protective face mask with A1-P3 (40 ASt) filter when spraying (EN 14387).

### 8.2.2.4. Thermal hazards

No additional information available.

### 8.2.3. Environmental exposure controls

No additional information available.

## SECTION 9: Physical and chemical properties

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

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Physical state                                  | : Liquid                    |
| Colour                                          | : Clear                     |
| Appearance                                      | : Liquid.                   |
| Odour                                           | : characteristic            |
| Odour threshold                                 | : Not available             |
| Melting point                                   | : Not available             |
| Freezing point                                  | : Not available             |
| Boiling point                                   | : Not available             |
| Flammability                                    | : Not available             |
| Explosive properties                            | : Product is not explosive. |
| Oxidising properties                            | : Not oxidising.            |
| Lower explosive limit (LEL)                     | : Not available             |
| Upper explosive limit (UEL)                     | : Not available             |
| Flash point                                     | : Not available             |
| Auto-ignition temperature                       | : Not available             |
| Decomposition temperature                       | : Not available             |
| pH                                              | : Not available             |
| Viscosity, kinematic                            | : Not available             |
| Solubility                                      | : Water: Miscible           |
| Partition coefficient n-octanol/water (Log Kow) | : Not available             |
| Vapour pressure                                 | : Not available             |
| Vapour pressure at 50°C                         | : Not available             |
| Density                                         | : 1.0 g/ml (20 °C)          |
| Relative density                                | : Not available             |
| Relative vapour density at 20°C                 | : Not available             |
| Particle characteristics                        | : Not applicable.           |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available.

#### 9.2.2. Other safety characteristics

|                        |                         |
|------------------------|-------------------------|
| VOC content            | : < 1 %                 |
| Additional information | : Solvent content < 5 % |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No decomposition if stored normally.

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

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### 10.3. Possibility of hazardous reactions

No additional information available.

### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat. Vapour/air mixtures are explosive. Heating can release vapours which can be ignited.

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known. Thermal decomposition generates : Carbon oxides (CO, CO2).

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

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|                   |               |
|-------------------|---------------|
| ATE CLP (oral)    | ~ 26100 mg/kg |
| ATE CLP (dermal)  | > 2000 mg/kg  |
| ATE CLP (vapours) | ~ 166 mg/l/4h |

#### Permethrin (ISO) (52645-53-1)

|                       |                 |
|-----------------------|-----------------|
| LD50 oral rat         | 554 mg/kg       |
| LD50 dermal rat       | > 2000 mg/kg    |
| LC50 Inhalation - Rat | > 4.638 mg/l/4h |
| ATE CLP (gases)       | 4500 ppmv/4h    |
| ATE CLP (vapours)     | 11 mg/l/4h      |
| ATE CLP (dust,mist)   | 1.5 mg/l/4h     |

#### Tetramethrine (ISO) (7696-12-0)

|                       |                      |
|-----------------------|----------------------|
| LD50 oral             | 1050 mg/kg mouse     |
| LD50 dermal rabbit    | > 2000 mg/kg Rabbit  |
| LC50 Inhalation - Rat | > 1180 mg/l rat      |
| ATE CLP (oral)        | 500 mg/kg bodyweight |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)  
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)  
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)  
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)  
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

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### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: 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 %

#### 11.2.2. Other information

No additional information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

#### Permethrin (ISO) (52645-53-1)

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| LC50 fish 1 | 0.008 – 0.03 mg/l (Exposure time: 96 h - Species: Pimephales promelas) |
|-------------|------------------------------------------------------------------------|

|                                    |                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------|
| LC50 - Other aquatic organisms [2] | 0.001 – 0.008 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
|------------------------------------|----------------------------------------------------------------------------------|

|                |              |
|----------------|--------------|
| EC50 Daphnia 1 | 0.00064 mg/l |
|----------------|--------------|

#### Tetramethrine (ISO) (7696-12-0)

|             |             |
|-------------|-------------|
| LC50 fish 1 | 0.0037 mg/l |
|-------------|-------------|

|                |                                      |
|----------------|--------------------------------------|
| EC50 Daphnia 1 | 0.11 mg/l Daphnia magna (Water flea) |
|----------------|--------------------------------------|

|                      |           |
|----------------------|-----------|
| EC50 72h - Algae [1] | 0.94 mg/l |
|----------------------|-----------|

### 12.2. Persistence and degradability

No additional information available.

### 12.3. Bioaccumulative potential

#### Tetramethrine (ISO) (7696-12-0)

|         |      |
|---------|------|
| Log Pow | 4.58 |
|---------|------|

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: 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 %.

### 12.7. Other adverse effects

No additional information available.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                            |                                                                                                               |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Waste treatment methods                    | : Can be incinerated according to local regulations.                                                          |
| Sewage disposal recommendations            | : Must not be disposed together with household garbage. Do not allow to enter sewers, surface or groundwater. |
| Product/Packaging disposal recommendations | : Contaminated packagings are to be treated like the product itself.                                          |
| Additional information                     | : Do not re-use empty containers.                                                                             |
| European List of Waste (LoW, EC 2000/532)  | : 20 01 19* - pesticides                                                                                      |

### SECTION 14: Transport information

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

| ADR                                                                                 | IMDG                                                                                | IATA                                                                                | ADN                                                                                  | RID                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| UN 3082                                                                             | UN 3082                                                                             | UN 3082                                                                             | UN 3082                                                                              | UN 3082                                                                               |
| <b>14.2. UN proper shipping name</b>                                                |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Permethrin (ISO))              | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Permethrin (ISO))              | Environmentally hazardous substance, liquid, n.o.s. (Permethrin (ISO))              | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Permethrin (ISO))               | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Permethrin (ISO))                |
| <b>14.3. Transport hazard class(es)</b>                                             |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 9                                                                                   | 9                                                                                   | 9                                                                                   | 9                                                                                    | 9                                                                                     |
|  |  |  |  |  |
| <b>14.4. Packing group</b>                                                          |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| III                                                                                 | III                                                                                 | III                                                                                 | III                                                                                  | III                                                                                   |
| <b>14.5. Environmental hazards</b>                                                  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| Dangerous for the environment: Yes                                                  | Dangerous for the environment: Yes<br>Marine pollutant: Yes                         | Dangerous for the environment: Yes                                                  | Dangerous for the environment: Yes                                                   | Dangerous for the environment: Yes                                                    |

#### Other information

No supplementary information available.

#### 14.6. Special precautions for user

##### Overland transport

|                                                           |                           |
|-----------------------------------------------------------|---------------------------|
| Classification code (ADR)                                 | : M6                      |
| Special provisions (ADR)                                  | : 274, 335, 375, 601, 650 |
| Limited quantities (ADR)                                  | : 5I                      |
| Excepted quantities (ADR)                                 | : E1                      |
| Packing instructions (ADR)                                | : P001, IBC03, LP01, R001 |
| Special packing provisions (ADR)                          | : PP1                     |
| Mixed packing provisions (ADR)                            | : MP19                    |
| Portable tank and bulk container instructions (ADR)       | : T4                      |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29               |
| Tank code (ADR)                                           | : LGBV                    |
| Vehicle for tank carriage                                 | : AT                      |

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Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : -

### Transport by sea

Special provisions (IMDG) : 274, 335, 375, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F  
Stowage category (IMDG) : A

### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197, A215  
ERG code (IATA) : 9L

### Inland waterway transport

Classification code (ADN) : M6  
Special provisions (ADN) : 274, 335, 375, 601, 650  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : M6  
Special provisions (RID) : 274, 335, 375, 601, 650  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 90

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### 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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### 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 substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Permethrin (52645-53-1)

##### 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)

Not listed on the Ozone Depletion list (Regulation EU 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

##### VOC Directive

VOC content : < 1 %

##### Seveso Directive (Disaster Risk Reduction)

| Seveso III Part I (Categories of dangerous substances)                   | Qualifying quantity (tonnes) |            |
|--------------------------------------------------------------------------|------------------------------|------------|
|                                                                          | Lower-tier                   | Upper-tier |
| E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1 | 100                          | 200        |

##### Explosives Precursors Regulation (EU 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 (EC 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)

#### 15.1.2. National regulations

No additional information available.

### 15.2. Chemical safety assessment

No additional information available.

## SECTION 16: Other information

### Full text of H- and EUH-statements:

|                           |                                     |
|---------------------------|-------------------------------------|
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4   |

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| Full text of H- and EUH-statements: |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Carc. 2                             | Carcinogenicity, Category 2                                       |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                    |
| STOT SE 2                           | Specific target organ toxicity – Single exposure, Category 2      |
| H302                                | Harmful if swallowed.                                             |
| H317                                | May cause an allergic skin reaction.                              |
| H332                                | Harmful if inhaled.                                               |
| H351                                | Suspected of causing cancer.                                      |
| H371                                | May cause damage to organs.                                       |
| H400                                | Very toxic to aquatic life.                                       |
| H410                                | Very toxic to aquatic life with long lasting effects.             |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---------------------------------------------------------------------------------------------------------------------------|------|--------------------|
| Skin Sens. 1                                                                                                              | H317 | Calculation method |
| Aquatic Acute 1                                                                                                           | H400 | Calculation method |
| Aquatic Chronic 1                                                                                                         | H410 | Calculation method |

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 therefore not be construed as guaranteeing any specific property of the product.