

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

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

#### 1.1 Product identifier

Trade name : Bacillol 30 Sensitive Tissues

Unique Formula Identifier (UFI) : XJKH-D53Q-R00Y-NGMH

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

Use of the Substance/Mixture : In-door use  
Disinfectants and algacides not intended for direct application to humans or animals, Food and feed area disinfectants, medical device, For further information, refer to the product technical data sheet.

Recommended restrictions on use : Restricted to professional users.

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

Manufacturer, importer, supplier : BODE Chemie GmbH  
Melanchthonstraße 27  
22525 Hamburg (Germany)  
Tel.: +49 (0)40 / 54 00 60

N.V. PAUL HARTMANN S.A.  
Avenue Paul Hartmann, 1  
B-1480 Tubize  
Belgium

Responsible Department : moniek.schatorje@hartmann.info

#### 1.4 Emergency telephone number

Emergency telephone number : Centre Antipoisons c/o Hôpital Central Militaire  
Reine Astrid Rue Bruyn 1  
1120 Bruxelles  
Phone +32 70 245 245

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: Flammable liquid and vapour.

Eye irritation, Category 2 H319: Causes serious eye irritation.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.

## Bacillol 30 Sensitive Tissues

|                |                              |                       |                                                                   |
|----------------|------------------------------|-----------------------|-------------------------------------------------------------------|
| Version<br>1.2 | Revision Date:<br>14.03.2024 | SDS Number:<br>R11942 | Date of last issue: 16.11.2023<br>Date of first issue: 09.11.2023 |
|----------------|------------------------------|-----------------------|-------------------------------------------------------------------|

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Response:**  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

**Disposal:**  
P501 Dispose of contents/container in accordance with local and national regulations.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name                                                                    | CAS-No.<br>EC-No.<br>Index-No.<br>REACH No.              | Classification                                                                                                                                                                     | Concentration<br>(% w/w) |
|----------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Ethanol                                                                          | 64-17-5<br>200-578-6<br>603-002-00-5<br>01-2119457610-43 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319                                                                                                                                           | >= 10 - < 20             |
| Propan-2-ol                                                                      | 67-63-0<br>200-661-7<br>603-117-00-0<br>01-2119457558-25 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>(Central nervous system)                                                                                            | >= 10 - < 20             |
| Propan-1-ol                                                                      | 71-23-8<br>200-746-9<br>603-003-00-0<br>01-2119486761-29 | Flam. Liq. 2; H225<br>Eye Dam. 1; H318<br>STOT SE 3; H336<br>(Central nervous system)                                                                                              | >= 3 - < 10              |
| Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid | 139734-65-9<br>701-317-3<br>01-2120050368-56             | Acute Tox. 4; H302<br>Skin Corr. 1; H314<br>Eye Dam. 1; H318<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br><br>M-Factor (Acute aquatic toxicity): 10<br>M-Factor (Chronic | >= 0,1 - < 0,25          |

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according to Regulation (EC) No. 2020/878

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| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

|  |  |                                      |  |
|--|--|--------------------------------------|--|
|  |  | aquatic toxicity): 1                 |  |
|  |  | Acute toxicity estimate              |  |
|  |  | Acute oral toxicity:<br>660,07 mg/kg |  |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : If you feel unwell, seek medical advice (show the label where possible).

In case of skin contact : Wash off with plenty of water.

In case of eye contact : Immediately flush eye(s) with plenty of water.

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

Risks : Causes serious eye irritation.

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

Treatment : For specialist advice physicians should contact the Poisons Information Service.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : none

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

Hazardous combustion products : No hazardous combustion products are known

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : Use personal protective equipment.

Further information : Standard procedure for chemical fires.

### SECTION 6: Accidental release measures

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

Personal precautions : Ensure adequate ventilation.  
Remove all sources of ignition.

#### 6.2 Environmental precautions

Environmental precautions : Should not be released into the environment.

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

Version 1.2      Revision Date: 14.03.2024      SDS Number: R11942      Date of last issue: 16.11.2023  
Date of first issue: 09.11.2023

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

Methods for cleaning up : Use mechanical handling equipment.  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal considerations see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with eyes.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Keep away from food and drink.

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

Requirements for storage areas and containers : Store in original container. Keep tightly closed.

### 7.3 Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components  | CAS-No. | Value type (Form of exposure) | Control parameters                   | Basis  |
|-------------|---------|-------------------------------|--------------------------------------|--------|
| Ethanol     | 64-17-5 | TLV 8 hr                      | 1.000 ppm<br>1.907 mg/m <sup>3</sup> | BE OEL |
| Propan-2-ol | 67-63-0 | TLV 8 hr                      | 200 ppm<br>500 mg/m <sup>3</sup>     | BE OEL |
|             |         | TLV 15 min                    | 400 ppm<br>1.000 mg/m <sup>3</sup>   | BE OEL |
| Propan-1-ol | 71-23-8 | TLV 8 hr                      | 100 ppm<br>250 mg/m <sup>3</sup>     | BE OEL |

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name             | End Use   | Exposure routes | Potential health effects   | Value                 |
|----------------------------|-----------|-----------------|----------------------------|-----------------------|
| Ethanol (CAS: 64-17-5)     | Workers   | Inhalation      | Long-term systemic effects | 950 mg/m <sup>3</sup> |
|                            | Workers   | Skin contact    | Long-term systemic effects | 343 mg/kg             |
|                            | Consumers | Inhalation      | Long-term systemic effects | 114 mg/m <sup>3</sup> |
|                            | Consumers | Skin contact    | Long-term systemic effects | 206 mg/kg             |
|                            | Consumers | Ingestion       | Local effects              | 87 mg/kg              |
| Propan-2-ol (CAS: 67-63-0) | Workers   | Skin contact    | Long-term systemic effects | 888 mg/kg             |
|                            | Workers   | Inhalation      | Long-term systemic effects | 500 mg/m <sup>3</sup> |

# SAFETY DATA SHEET

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|                                                                                                     |           |              |                            |             |
|-----------------------------------------------------------------------------------------------------|-----------|--------------|----------------------------|-------------|
|                                                                                                     |           |              | effects                    |             |
|                                                                                                     | Consumers | Skin contact | Long-term systemic effects | 319 mg/kg   |
|                                                                                                     | Consumers | Inhalation   | Long-term systemic effects | 89 mg/m3    |
|                                                                                                     | Consumers | Ingestion    | Long-term systemic effects | 26 mg/kg    |
| Propan-1-ol (CAS: 71-23-8)                                                                          | Workers   | Skin contact | Long-term systemic effects | 136 mg/kg   |
|                                                                                                     | Workers   | Inhalation   | Long-term systemic effects | 268 mg/m3   |
|                                                                                                     | Consumers | Skin contact | Long-term systemic effects | 81 mg/kg    |
|                                                                                                     | Consumers | Inhalation   | Long-term systemic effects | 80 mg/m3    |
|                                                                                                     | Consumers | Ingestion    | Long-term systemic effects | 61 mg/kg    |
| Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9) | Workers   | Inhalation   | Long-term systemic effects | 0,19 mg/m3  |
|                                                                                                     | Workers   | Skin contact | Long-term systemic effects | 2,86 mg/kg  |
|                                                                                                     | Consumers | Inhalation   | Systemic effects           | 0,047 mg/m3 |
|                                                                                                     | Consumers | Skin contact | Systemic effects           | 0,286 mg/kg |
|                                                                                                     | Consumers | Ingestion    |                            | 0,029 mg/kg |

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name                                                                                      | Environmental Compartment | Value        |
|-----------------------------------------------------------------------------------------------------|---------------------------|--------------|
| Ethanol (CAS: 64-17-5)                                                                              | Fresh water               | 0,96 mg/l    |
|                                                                                                     | Fresh water sediment      | 3,6 mg/kg    |
|                                                                                                     | Soil                      | 0,63 mg/kg   |
| Propan-2-ol (CAS: 67-63-0)                                                                          | Fresh water               | 140,9 mg/l   |
|                                                                                                     | Soil                      | 28 mg/kg     |
|                                                                                                     | Sewage treatment plant    | 2251 mg/l    |
| Propan-1-ol (CAS: 71-23-8)                                                                          | Sewage treatment plant    | 96 mg/l      |
|                                                                                                     | Fresh water               | 6,83 mg/l    |
|                                                                                                     | Soil                      | 1,49 mg/kg   |
| Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9) | Fresh water               | 0,00031 mg/l |
|                                                                                                     | Sewage treatment plant    | 0,22 mg/kg   |
|                                                                                                     | Soil                      | 7,3 mg/kg    |

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

### 8.2 Exposure controls

#### Personal protective equipment

Protective measures : No special protective equipment required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : Liquid absorbed by inert carrier material

Colour : colourless

Odour : alcohol-like

Boiling point/boiling range : > 80 °C

Lower explosion limit / Lower flammability limit : 2 %(V)

Flash point : 31 °C  
Method: ISO 3679

pH : 7,5 - 8,5

Solubility(ies)  
Water solubility : completely miscible

Vapour pressure : No data available

Density : 0,952 g/cm<sup>3</sup> (20 °C)

### 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid : Heat  
Strong sunlight for prolonged periods.

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

### 10.5 Incompatible materials

Materials to avoid : None.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.  
No hazardous decomposition products are known.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Not classified based on available information.

#### Components:

##### Ethanol (CAS: 64-17-5):

|                           |                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 Oral (Rat): 10.470 mg/kg<br>Method: OECD Test Guideline 401                                        |
| Acute inhalation toxicity | : LC50 (Rat): 51 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Method: OECD Test Guideline 403 |

##### Propan-2-ol (CAS: 67-63-0):

|                       |                                       |
|-----------------------|---------------------------------------|
| Acute oral toxicity   | : LD50 Oral (Rat): > 5.000 mg/kg      |
| Acute dermal toxicity | : LD50 Dermal (Rabbit): > 5.000 mg/kg |

##### Propan-1-ol (CAS: 71-23-8):

|                           |                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 Oral (Rat): 8.000 mg/kg<br>Method: OECD Test Guideline 401                                             |
| Acute inhalation toxicity | : LC50 (Rat): > 33,8 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Method: OECD Test Guideline 403 |
| Acute dermal toxicity     | : LD50 Dermal (Rabbit): 4.032 mg/kg<br>Method: OECD Test Guideline 402                                        |

##### Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9):

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Acute oral toxicity   | : LD50 Oral (Rat): > 660 mg/kg                                        |
| Acute dermal toxicity | : LD50 Dermal (Rat): > 2.000 mg/kg<br>Method: OECD Test Guideline 402 |

#### Skin corrosion/irritation

Not classified based on available information.

#### Components:

##### Ethanol (CAS: 64-17-5):

Species : human skin

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

Result : Mild skin irritation  
Remarks : Based on available data, the classification criteria are not met.

### Propan-2-ol (CAS: 67-63-0):

Species : Rabbit  
Result : No skin irritation

### Propan-1-ol (CAS: 71-23-8):

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

### Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9):

Species : Rabbit  
Exposure time : 4 h  
Method : OECD Test Guideline 404  
Result : Corrosive after 4 hours or less of exposure  
GLP : yes

### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Product:

Species : Chicken eye  
Method : OECD Test Guideline 438  
Result : Irritating to eyes.  
GLP : yes

#### Components:

### Ethanol (CAS: 64-17-5):

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Irritating to eyes.

### Propan-2-ol (CAS: 67-63-0):

Species : Rabbit  
Result : Eye irritation

### Propan-1-ol (CAS: 71-23-8):

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Irreversible effects on the eye

### Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9):

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Risk of serious damage to eyes.

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.



# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

### Respiratory sensitisation

Not classified based on available information.

#### Components:

##### Ethanol (CAS: 64-17-5):

|         |   |                                    |
|---------|---|------------------------------------|
| Species | : | Mouse                              |
| Method  | : | OECD Test Guideline 429            |
| Result  | : | Does not cause skin sensitisation. |

##### Propan-2-ol (CAS: 67-63-0):

|           |   |                                                    |
|-----------|---|----------------------------------------------------|
| Test Type | : | Buehler Test                                       |
| Species   | : | Guinea pig                                         |
| Result    | : | Did not cause sensitisation on laboratory animals. |

##### Propan-1-ol (CAS: 71-23-8):

|           |   |                                                    |
|-----------|---|----------------------------------------------------|
| Test Type | : | Maximisation Test                                  |
| Species   | : | Guinea pig                                         |
| Method    | : | OECD Test Guideline 406                            |
| Result    | : | Did not cause sensitisation on laboratory animals. |

### Germ cell mutagenicity

Not classified based on available information.

#### Components:

##### Propan-2-ol (CAS: 67-63-0):

|                       |   |                                                             |
|-----------------------|---|-------------------------------------------------------------|
| Genotoxicity in vitro | : | Test Type: Ames test                                        |
|                       |   | Metabolic activation: with and without metabolic activation |
|                       |   | Result: negative                                            |

##### Propan-1-ol (CAS: 71-23-8):

|                       |   |                           |
|-----------------------|---|---------------------------|
| Genotoxicity in vitro | : | Test Type: in vitro assay |
|                       |   | Result: negative          |

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

### Repeated dose toxicity

No data available

### Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

|            |   |                                                                                                                                 |
|------------|---|---------------------------------------------------------------------------------------------------------------------------------|
| Assessment | : | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article |
|------------|---|---------------------------------------------------------------------------------------------------------------------------------|

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### Experience with human exposure

No data available

### Toxicology, Metabolism, Distribution

No data available

### Neurological effects

No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **Ethanol (CAS: 64-17-5):**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 11.200 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 9.268 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

NOEC (Chlorella vulgaris (Fresh water algae)): 9,6 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

##### **Propan-2-ol (CAS: 67-63-0):**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 8.692 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2.285 mg/l  
Exposure time: 48 h

NOEC (Daphnia magna (Water flea)): 141 mg/l  
Exposure time: 16 d

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 10.500 mg/l  
Exposure time: 72 h

##### **Propan-1-ol (CAS: 71-23-8):**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 4.554 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2.300 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : NOEC (Chlorella pyrenoidosa (algae)): 1.150 mg/l  
Exposure time: 48 h  
Test Type: Growth inhibition

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
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| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

EC50 (Pseudokirchneriella subcapitata (green algae)): 9.170 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition

Toxicity to microorganisms : IC50 (Bacteria): > 1.000 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

### Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 207,4 µg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,0333 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 0,0237 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 0,00955 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) : 10

Toxicity to fish (Chronic toxicity) : NOEC: 0,0523 mg/l  
Exposure time: 28 d  
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 2,3 µg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity) : 1

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: Expected to be ultimately biodegradable

### Components:

#### **Ethanol (CAS: 64-17-5):**

Biodegradability : Result: Readily biodegradable.

#### **Propan-2-ol (CAS: 67-63-0):**

Biodegradability : Result: rapidly biodegradable

#### **Propan-1-ol (CAS: 71-23-8):**

Biodegradability : Result: Readily biodegradable.

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

### Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9):

Biodegradability : Test Type: aerobic  
Result: Readily biodegradable.  
Biodegradation: 94 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301A

### 12.3 Bioaccumulative potential

#### Components:

##### Ethanol (CAS: 64-17-5):

Partition coefficient: n-octanol/water : log Pow: -0,35

##### Propan-2-ol (CAS: 67-63-0):

Partition coefficient: n-octanol/water : log Pow: 0,05

##### Propan-1-ol (CAS: 71-23-8):

Partition coefficient: n-octanol/water : log Pow: 0,25

### Amines, N-C10–C16-alkyltrimethylenedi-, reaction products with chloroacetic acid (CAS: 139734-65-9):

Partition coefficient: n-octanol/water : log Pow: 3,82

### 12.4 Mobility in soil

#### Components:

##### Propan-2-ol (CAS: 67-63-0):

Distribution among environmental compartments : Remarks: Mobile in soils

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Adsorbed organic bound halogens : Remarks: Product does not contain any organic halogens.

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

gens (AOX)

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

|                        |   |                                                                                                                                                                                                                                                                          |
|------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                | : | Dispose of as hazardous waste in compliance with local and national regulations.<br>Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.<br><br>07 06 04 other organic solvents, washing liquids and mother liquors |
| Contaminated packaging | : | Empty remaining contents.<br>Store containers and offer for recycling of material when in accordance with the local regulations.                                                                                                                                         |

### SECTION 14: Transport information

#### 14.1 UN number or ID number

|      |   |         |
|------|---|---------|
| ADN  | : | UN 3175 |
| ADR  | : | UN 3175 |
| RID  | : | UN 3175 |
| IMDG | : | UN 3175 |
| IATA | : | UN 3175 |

#### 14.2 UN proper shipping name

|      |   |                                                                      |
|------|---|----------------------------------------------------------------------|
| ADN  | : | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.<br>(ethanol, propan-2-ol) |
| ADR  | : | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.<br>(ethanol, propan-2-ol) |
| RID  | : | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.<br>(ethanol, propan-2-ol) |
| IMDG | : | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.<br>(ethanol, propan-2-ol) |
| IATA | : | Solids containing flammable liquid, n.o.s.<br>(ethanol, propan-2-ol) |

#### 14.3 Transport hazard class(es)

|      | Class | Subsidiary risks |
|------|-------|------------------|
| ADN  | :     | 4.1              |
| ADR  | :     | 4.1              |
| RID  | :     | 4.1              |
| IMDG | :     | 4.1              |
| IATA | :     | 4.1              |

#### 14.4 Packing group

|                     |   |    |
|---------------------|---|----|
| ADN                 | : |    |
| Packing group       | : | II |
| Classification Code | : | F1 |

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

Hazard Identification Number : 40  
Labels : 4.1  
Limited quantity (LQ) : 1,00 KG

### ADR

Packing group : II  
Classification Code : F1  
Hazard Identification Number : 40  
Labels : 4.1  
Limited quantity (LQ) : 1,00 KG  
Tunnel restriction code : (E)

### RID

Packing group : II  
Classification Code : F1  
Hazard Identification Number : 40  
Labels : 4.1  
Limited quantity (LQ) : 1,00 KG

### IMDG

Packing group : II  
Labels : 4.1  
EmS Code : F-A, S-I  
Limited quantity (LQ) : 1,00 KG

### IATA (Cargo)

Packing instruction (cargo aircraft) : 448  
Packing instruction (LQ) : Y441  
Packing group : II  
Labels : Flammable Solid

### IATA (Passenger)

Packing instruction (passenger aircraft) : 445  
Packing instruction (LQ) : Y441  
Packing group : II  
Labels : Flammable Solid

## 14.5 Environmental hazards

### ADN

Environmentally hazardous : no

### ADR

Environmentally hazardous : no

### RID

Environmentally hazardous : no

### IMDG

Marine pollutant : no

## 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|                |                              |                       |                                                                   |
|----------------|------------------------------|-----------------------|-------------------------------------------------------------------|
| Version<br>1.2 | Revision Date:<br>14.03.2024 | SDS Number:<br>R11942 | Date of last issue: 16.11.2023<br>Date of first issue: 09.11.2023 |
|----------------|------------------------------|-----------------------|-------------------------------------------------------------------|

Biocidal product : Registration number: BE-REG-00898

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P5c FLAMMABLE LIQUIDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 30,14 %

### The components of this product are reported in the following inventories:

REACH : This mixture contains only ingredients which have been registered according to Regulation (EC) No. 1907/2006 (REACH).

## 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

## SECTION 16: Other information

### Full text of H-Statements

|      |                                                         |
|------|---------------------------------------------------------|
| H225 | : Highly flammable liquid and vapour.                   |
| H302 | : Harmful if swallowed.                                 |
| H314 | : Causes severe skin burns and eye damage.              |
| H318 | : Causes serious eye damage.                            |
| H319 | : Causes serious eye irritation.                        |
| H336 | : May cause drowsiness or dizziness.                    |
| H400 | : Very toxic to aquatic life.                           |
| H410 | : Very toxic to aquatic life with long lasting effects. |

### Full text of other abbreviations

|                 |                                      |
|-----------------|--------------------------------------|
| Acute Tox.      | : Acute toxicity                     |
| Aquatic Acute   | : Short-term (acute) aquatic hazard  |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Eye Dam.        | : Serious eye damage                 |
| Eye Irrit.      | : Eye irritation                     |
| Flam. Liq.      | : Flammable liquids                  |

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878

## Bacillol 30 Sensitive Tissues

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 16.11.2023  |
| 1.2     | 14.03.2024     | R11942      | Date of first issue: 09.11.2023 |

|                     |   |                                                  |
|---------------------|---|--------------------------------------------------|
| Skin Corr.          | : | Skin corrosion                                   |
| STOT SE             | : | Specific target organ toxicity - single exposure |
| BE OEL              | : | Belgium. Occupational exposure limit values      |
| BE OEL / TLV 8 hr   | : | Long term exposure limit                         |
| BE OEL / TLV 15 min | : | Short term exposure limit                        |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

|              |      |
|--------------|------|
| Flam. Liq. 3 | H226 |
| Eye Irrit. 2 | H319 |

#### Classification procedure:

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Based on product data or assessment |

### Safety datasheet sections which have been updated:

- 3. Composition/information on ingredients
- 11. Toxicological information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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