

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

### 1.1. Product identifier

|                               |  |
|-------------------------------|--|
| Product form                  | : Mixture                              |
| Trade name                    | : ACTIFLORE® - ZYMAFLORE®              |
| Product group                 | : Trade product                        |
| Other means of identification | : E491 - Except for ZYMAFLORE® 011 BIO |

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

#### 1.2.1. Relevant identified uses

|                                  |  |
|----------------------------------|--|
| Main use category                | : Professional use                                       |
| Industrial/Professional use spec | : For professional users only                            |
| Use of the substance/mixture     | : Active dry yeasts for alcoholic fermentation of musts. |
| Use of the substance/mixture     | : For œnological use                                     |

#### 1.2.2. Uses advised against

No additional information available

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

#### Supplier

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#### Supplier

LAFFORT ESPAÑA S.A.  
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# ACTIFLORE® - ZYMAFLORE®

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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[laffortusa@laffort.com](mailto:laffortusa@laffort.com) - [www.laffortusa.com](http://www.laffortusa.com)

### 1.4. Emergency telephone number

| Country        | Organisation/Company   | Address   | Emergency number                     | Comment  |
|----------------|--|---|--------------------------------------|--|
| Australia      | NSW Poisons Information Centre<br>The Children's Hospital at Westmead                    | Locked Bag 4001<br>NSW 2145   | 13 11 26                             |  |
| Canada         | Ontario Poison Centre (OPC)  | The Hospital for Sick Children<br>555 University Avenue<br>ON M5G 1X8 Toronto                       | 1-800-268-9017<br>(416) 813-5900     |  |
| Canada         | BC Drug and Poison Information Centre (DPIC)   | 655 West 12th Avenue<br>BC V5Z 4R4 Vancouver  | 1-800-567-8911<br>(604) 682-5050     |  |
| China          | National Poison Control Center   | Chinese Center for Disease<br>Control and Prevention<br>Nanwei road, No.29<br>100050 Beijing        | +86 10 831 32 046                    |  |
| Croatia        | Centar za kontrolu otrovanja<br>Institut za medicinska istraživanja i medicinu<br>rada   | Ksaverska Cesta 2<br>p.p. 291<br>10000 Zagreb   | +385 1 234 8342                      | Information available<br>24/7 in Croatian and<br>English |
| Czech Republic | Toxikologické informační středisko<br>Klinika pracovního lékařství VFN a 1. LF UK        | Na Bojišti 1<br>120 00 Praha 2  | +420 224 919 293<br>+420 224 915 402 |  |
| Denmark        | Gifftlinjen  | Bispebjerg Bakke 23<br>Opgang 20 C<br>2400 København NV   | +45 82 12 12 12                      |  |
| Georgia        | National Toxicology Information Advisory<br>Center                                       | Tbilisi State Medical University<br>Department of Toxicology - 7<br>Asatiani St.<br>380 077 Tbilisi | +995 99 533320                       |  |
| Greece         | Poisons Information Centre<br>Children's Hospital P&A Kyriakou                           | 11762 Athens  | +30 2 10 779 3777                    |  |
| Hungary        | Országos Kémiai Biztonsági Intézet<br>Egészségügyi Toxikológiai Tájékoztató<br>Szolgálat | Nagyvárad tér 2.<br>1437 Budapest, Pf. 839<br>1097 Budapest   | +36 80 20 11 99                      |  |
| Israel         | Israel Poison Information Center<br>Rambam Health Care Campus                            | 6 Ha'Aliya Street<br>31096  | +972 4 854 1900                      |  |
| Japan          | Japan Poison Information Center  | Tsukuba Medical Center<br>1-1-1 Amakubo<br>305-0005 Tsukuba City, Ibaraki                           | +81-29-856-3566<br>+81-72-727-2499   |  |
| Jordan         | National Drug & Poison Information Center of<br>Jordan                                   |   | 0798506755<br>00962-6-5353444        |  |
| Kazakhstan     | Republican Toxicology Center   | Tole-bi 93<br>480083 Almaty   | +7 3272 925 868                      |  |
| Malta          | Medicines & Poisons Info Office  | Mater Dei Hospital<br>MSD Msida   | +356 2545 6504                       |  |
| New Zealand    | National Poisons Centre  | Dunedin School of Medicine,<br>University of Otago<br>PO Box 913<br>9054 Dunedin                    | 0800 764 766<br>+56 2 2 247 3600     |  |

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| Country                     | Organisation/Company   | Address   | Emergency number                       | Comment  |
|-----------------------------|--|---|--|--|
| Poland                      | National Poisons Information Centre<br>The Nofer Institute of Occupational Medicine<br>(Łódź)                          | ul. Teresy 8<br>P.O. BOX 199<br>90950 Łódź  | +48 42 63 14 724                       |  |
| Romania                     | Department of Clinical Toxicology<br>Spitalul de Urgenta Floreasca   | Calea Floreasca<br>Bucuresti  | +40 21 230 8000                        |  |
| Russia                      | Информационно-консультативный центр<br>по токсикологии (RTIAC)<br>Министерство здравоохранения<br>Российской Федерации | 3 Сухареvская Площадь<br>Блок 7<br>129090 г. Москва   | +7 495 628 1687 (только на<br>русском) |  |
| Serbia                      | Nacionalni centar za kontrolu trovanja - VMA   | Crnotravska 17<br>11000 Beograd   | +381 11 360 84 40                      |  |
| Slovenia                    | Center za klinično toksikologijo in<br>farmakologijo<br>Interna klinika, UKCL  | Zaloška 7<br>1000 Ljubljana   | +386 522 52 83                         |  |
| South Africa                | Tygerberg Poison Information Centre  | Division of Clinical Pharmacology<br>Faculty of Medicine and Health<br>Sciences<br>Stellenbosch University - PO Box<br>241<br>8 000 Cape Town | 0861 555 777<br>+56 2 2 247 3600       |  |
| Sweden                      | Giftinformationscentralen  | Solna Strandväg 21<br>171 54 Solna  | 112 – begär Giftinformation            |  |
| Turkey                      | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hifzısıhha Merkezi Başkanlığı  | Cemal Gürsel Cd. No: 18 Sıhhiye<br>Çankaya<br>06590 Ankara  | 114                                    | Information is provided<br>to public and medical<br>personnel on poisoning<br>incidents via 114. |
| United Kingdom              | National Poisons Information Service (Belfast<br>Centre)<br>Royal Victoria Hospital                                    | Grosvenor Road<br>BT12 6BA  | 0344 892 0111                          | Only for healthcare<br>professionals   |
| United Kingdom              | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital   | Dudley Road<br>B18 7QH  | 0344 892 0111                          | Only for healthcare<br>professionals   |
| United Kingdom              | National Poisons Information Service (Cardiff<br>Centre)<br>University Hospital Llandough                              | Penlan Road<br>CF64 2XX   | 0344 892 0111                          | Only for healthcare<br>professionals   |
| United Kingdom              | National Poisons Information Service<br>(Edinburgh Centre)<br>Royal Infirmary of Edinburgh                             | Little France Crescent<br>EH16 4SA  | 0344 892 0111                          | Only for healthcare<br>professionals   |
| United Kingdom              | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St Thomas'<br>Hospital Trust                       | Avonley Road<br>SE14 5ER  | +44 20 7188 7188                       |  |
| United Kingdom              | National Poisons Information Service<br>(Newcastle Centre)<br>Regional Drugs and Therapeutics Centre                   | 16/17 Framlington Place<br>Newcastle-upon-Tyne<br>NE2 4AB   | 0344 892 0111                          | Only for healthcare<br>professionals   |
| United States of<br>America | American Association of Poison Control<br>Centers  | 515 King St., Suite 510<br>VA 22314 Alexandria  | 1-800-222-1222<br>+56 2 2 247 3600     |  |

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### SECTION 2: Hazards identification

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

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

No labelling applicable

#### 2.3. Other hazards

Contains no PBT/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 is 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

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice and that precautions are taken to avoid the inhalation of dust. If symptoms persist call a doctor. |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.  |
| First-aid measures after skin contact | : After contact with skin, wash immediately and thoroughly with water and soap. If symptoms persist, call a physician.   |
| First-aid measures after eye contact  | : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.                      |
| First-aid measures after ingestion    | : If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : More detailed information: See section 11.   |
| Symptoms/effects after inhalation   | : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.                                  |
| Symptoms/effects after skin contact | : Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. |
| Symptoms/effects after eye contact  | : May cause slight irritation.   |
| Symptoms/effects after ingestion    | : Gastrointestinal complaints.   |

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### 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   | : If there is a fire close by, use suitable extinguishing agents. carbon dioxide (CO <sub>2</sub> ), powder, alcohol-resistant foam, water spray. |
| Unsuitable extinguishing media | : Do not use water jet.   |

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

- |  |  |
|--|--|
| Fire hazard                                      | : In case of fire and/or explosion do not breathe fumes.   |
| Explosion hazard                                 | : Avoid raising powdered material due to explosion hazard.   |
| Hazardous decomposition products in case of fire | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. |

### 5.3. Advice for firefighters

- |                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.                              |
| Other information              | : Do not contaminate ground and surface water. Dispose in a safe manner in accordance with local/national regulations.  |

## SECTION 6: Accidental release measures

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

- |                  |  |
|------------------|--|
| General measures | : Do not handle until all safety precautions have been read and understood. Evacuate personnel to a safe area. |
|------------------|--|

#### 6.1.1. For non-emergency personnel

- |                                  |   |
|----------------------------------|---|
| Protective equipment             | : Wear recommended personal protective equipment.   |
| Emergency procedures             | : Ventilate spillage area. Do not touch or walk on the spilled product. Avoid contact with skin and eyes. |
| Measures in case of dust release | : Avoid dust formation.   |

#### 6.1.2. 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". |
|----------------------|---|

### 6.2. Environmental precautions

Do not flush into surface water or sewer system. Notify authorities if product enters sewers or public waters.

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

- |                         |  |
|-------------------------|--|
| Methods for cleaning up | : Mechanically recover the product. Contain leaking substance, pump over in suitable containers. Clean contaminated surfaces with an excess of water. Avoid raising powdered materials into airborne dust. |
| Other information       | : Dispose of materials or solid residues at an authorized site. Do not allow to enter drains or water courses.   |

### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid dust formation. Ensure good ventilation of the work station. Local exhaust is recommended where dust may occur. Where excessive dust may result, use approved respiratory protection equipment. Avoid contact with skin and eyes. Wear recommended personal protective equipment. Store tightly closed in a dry and cool place.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product.

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

- Technical measures : Keep only in the original container.
- Storage conditions : Keep in a well-ventilated room. Keep out of direct sunlight. Keep container tightly closed to prevent moisture pick-up. Store tightly closed in a dry and cool place.
- Incompatible products : None to our knowledge.
- Incompatible materials : None to our knowledge.
- Heat and ignition sources : Keep away from ignition sources (including static discharges).

#### 7.3. Specific end use(s)

For œnological use.

### 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

No additional information 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

###### Appropriate engineering controls:

Ensure good ventilation of the work station. Avoid dust formation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment:

Refer to protective measures listed in Sections 7 and 8.

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



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### 8.2.2.1. Eye and face protection

#### Eye protection:

No special eye protection equipment recommended under normal conditions of use. Where excessive dust may result, wear goggles

| Eye protection |                      |                 |          |
|----------------|----------------------|-----------------|----------|
| Type           | Field of application | Characteristics | Standard |
| Safety glasses | Dust                 |                 | EN 166   |

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

No special protection required. In case of repeated or prolonged contact wear gloves. In case of excessive dust production

| Hand protection                        |                      |                   |                |             |            |
|--|----------------------|-------------------|----------------|-------------|------------|
| Type                                   | Material             | Permeation        | Thickness (mm) | Penetration | Standard   |
| Chemically resistant protective gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.11           |             | EN ISO 374 |

#### Other skin protection

#### Materials for protective clothing:

Wear suitable protective clothing. Long sleeved protective clothing

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

No special protection required where adequate ventilation is maintained. Wear suitable respiratory equipment in case of insufficient ventilation. EN 143. EN 149

| Respiratory protection |             |           |                |
|------------------------|-------------|-----------|----------------|
| Device                 | Filter type | Condition | Standard       |
| Dust mask              | Type P3     |           | EN 143, EN 149 |

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Do not allow into drains or water courses. Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during work. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

## SECTION 9: Physical and chemical properties

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

|                 |                   |
|-----------------|-------------------|
| Physical state  | : Solid           |
| Colour          | : Beige.          |
| Appearance      | : Powder.         |
| Odour           | : characteristic. |
| Odour threshold | : Not available   |
| Melting point   | : Not available   |

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|   |                          |
|---|--------------------------|
| Freezing point                                  | : Not applicable         |
| Boiling point                                   | : Not available          |
| Flammability                                    | : Not available          |
| Explosive properties                            | : Not explosive.         |
| Explosive limits                                | : Not applicable         |
| Lower explosion limit                           | : Not applicable         |
| Upper explosion limit                           | : Not applicable         |
| Flash point                                     | : Not applicable         |
| Auto-ignition temperature                       | : Not applicable         |
| Decomposition temperature                       | : Not available          |
| pH  | : Not available          |
| pH solution                                     | : Not available          |
| Viscosity, kinematic                            | : Not applicable         |
| Solubility                                      | : partly soluble. 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 applicable         |
| Relative vapour density at 20°C                 | : Not applicable         |
| Particle size                                   | : Not available          |
| Particle size distribution                      | : Not available          |
| Particle shape                                  | : Not available          |
| Particle aspect ratio                           | : Not available          |
| Particle aggregation state                      | : Not available          |
| Particle agglomeration state                    | : Not available          |
| Particle specific surface area                  | : Not available          |
| Particle dustiness                              | : Not available          |

## 9.2. Other information

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

No additional information available

### 9.2.2. Other safety characteristics

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.

### 10.4. Conditions to avoid

Heat. flames or sparks. Moisture.

### 10.5. Incompatible materials

None to our knowledge.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates : See Section 5.



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### 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)           | : May be slightly irritating to skin and eyes (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)   |
| Skin corrosion/irritation         | : Repeated or prolonged skin contact may cause irritation (Based on available data, the classification criteria are not met)                                |
| Serious eye damage/irritation     | : May be slightly irritating to skin and eyes (Based on available data, the classification criteria are not met)  |
| Respiratory or skin sensitisation | : Repeated or prolonged contact may cause allergic reactions in very susceptible persons (Based on available data, the classification criteria are not met) |
| 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)   |

|                                |                |
|--------------------------------|----------------|
| <b>ACTIFLORE® - ZYMAFLORE®</b> |                |
| Viscosity, kinematic           | Not applicable |

#### 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. |
| Ecology - water   | : Ecological problems are not known or expected under normal use.   |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met)                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified (Based on available data, the classification criteria are not met)                                     |

#### 12.2. Persistence and degradability

|                                |  |
|--------------------------------|--|
| <b>ACTIFLORE® - ZYMAFLORE®</b> |  |
| Persistence and degradability  | Biodegradable. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. |

#### 12.3. Bioaccumulative potential

|                                |                              |
|--------------------------------|------------------------------|
| <b>ACTIFLORE® - ZYMAFLORE®</b> |                              |
| Bioaccumulative potential      | There is no bioaccumulation. |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

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### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Other adverse effects : No other effects known, Do not allow to enter drains or water courses

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Do not flush into surface water or sewer system.  
Product/Packaging disposal recommendations : Empty remaining contents. Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

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

### 14.1. UN number or ID number

UN-No. (ADR) : Not regulated  
UN-No. (IMDG) : Not regulated  
UN-No. (IATA) : Not regulated  
UN-No. (ADN) : Not regulated  
UN-No. (RID) : Not regulated

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated  
Proper Shipping Name (IMDG) : Not regulated  
Proper Shipping Name (IATA) : Not regulated  
Proper Shipping Name (ADN) : Not regulated  
Proper Shipping Name (RID) : Not regulated

### 14.3. Transport hazard class(es)

**ADR**  
Transport hazard class(es) (ADR) : Not regulated

**IMDG**  
Transport hazard class(es) (IMDG) : Not regulated

**IATA**  
Transport hazard class(es) (IATA) : Not regulated

**ADN**  
Transport hazard class(es) (ADN) : Not regulated

**RID**  
Transport hazard class(es) (RID) : Not regulated

### 14.4. Packing group

Packing group (ADR) : Not regulated  
Packing group (IMDG) : Not regulated  
Packing group (IATA) : Not regulated  
Packing group (ADN) : Not regulated

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Packing group (RID) : Not regulated

### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : 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

#### 15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)  
Contains no substance(s) listed on the REACH Candidate List  
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)  
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)  
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)  
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK) : WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1)  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

#### Indication of changes:

Revision - See : \*.

| Indication of changes |                       |          |          |
|-----------------------|-----------------------|----------|----------|
| Section               | Changed item          | Change   | Comments |
| 1.3                   | Manufacturer/Supplier | Modified |          |

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.