

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

### 1.1. Product identifier

|                               |                      |
|-------------------------------|----------------------|
| Product form                  | : Mixture            |
| Trade name                    | : TANSPARK®          |
| Type of product               | : For œnological use |
| Product group                 | : Trade product      |
| Other means of identification | : E220               |

### 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     | : Gallic and chestnut tannins put to solution for the production of sparkling wines. |
| 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

LAFFORT FRANCE  
P.O. Box CS 61611  
33072 BORDEAUX CEDEX - FRANCE  
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[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Distributor

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#### Distributor

#### Distributor

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#### Supplier, furnisher

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**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 Westmead  | 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 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 rada | Ksaverska Cesta 2<br>p.p. 291<br>10000 Zagreb   | +385 1 234 8342                      | Information available 24/7 in Croatian and 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        | Giftlinjen  | Bispebjerg Bakke 23<br>Opgang 20 C<br>2400 København NV   | +45 82 12 12 12                      |  |
| Georgia        | National Toxicology Information Advisory Center                                     | Tbilisi State Medical University<br>Department of Toxicology<br>- 7 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                    |  |

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|             |  |   |  |  |
|-------------|--|---|--|--|
| Hungary     | Országos Kémiai Biztonsági Intézet<br>Egészségügyi Toxikológiai Tájékoztató 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 Haifa  | +972 4 854 1900                        |  |
| Japan       | Japan Poison Information Center  | Tsukuba Medical Center<br>1-1-1 Amakubo<br>305-0005 Tsukuba City,<br>Ibaraki  | +81-29-856-3566<br>+81-72-727-2499     |  |
| Jordan      | National Drug & Poison Information Center of 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, University of Otago<br>PO Box 913<br>9054 Dunedin | 0800 764 766<br>+56 2 2 247 3600       |  |
| Poland      | National Poisons Information Centre<br>The Nofer Institute of Occupational Medicine (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 по токсикологии (RTIAC)<br>Министерство здравоохранения Российской Федерации | 3 Сухаревская Площадь<br>Блок 7<br>129090 г. Москва                           | +7 495 628 1687<br>(только на русском) |  |
| Serbia      | Nacionalni centar za kontrolu trovanja - VMA   | Crnotravska 17<br>11000 Beograd   | +381 11 360 84 40                      |  |
| Slovenia    | Center za klinično toksikologijo in farmakologijo<br>Interna klinika, UKCL                                       | Zaloška 7<br>1000 Ljubljana   | +386 522 52 83                         |  |

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|                          |   |  |                                    |   |
|--------------------------|---|--|------------------------------------|---|
| South Africa             | Tygerberg Poison Information Centre   | Division of Clinical Pharmacology Faculty of Medicine and Health Sciences<br>Stellenbosch University - PO Box 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<br>Giftinformation     |   |
| Turkey                   | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfzısıhha Merkezi Başkanlığı                                       | Cemal Gürsel Cd. No: 18<br>Sıhhiye<br>Çankaya<br>06590 Ankara  | 114                                | Information is provided to public and medical personnel on poisoning incidents via 114. |
| United Kingdom           | National Poisons Information Service (Belfast Centre)<br>Royal Victoria Hospital                                | Grosvenor Road<br>BT12 6BA Belfast   | 0344 892 0111                      |   |
| United Kingdom           | National Poisons Information Service (Birmingham Centre)<br>City Hospital                                       | Dudley Road<br>B18 7QH Birmingham  | 0344 892 0111                      |   |
| United Kingdom           | National Poisons Information Service (Cardiff Centre)<br>Gwenwyn Ward, Llandough Hospital                       | Penarth<br>CF64 2XX Cardiff  | 0344 892 0111                      |   |
| United Kingdom           | National Poisons Information Service Edinburgh<br>Royal Infirmary of Edinburgh                                  | Little France Crescent<br>EH16 4SA Edinburgh   | 0344 892 0111                      |   |
| United Kingdom           | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust                   | Avonley Road<br>SE14 5ER London  | +44 20 7188 7188                   |   |
| United Kingdom           | National Poisons Information Service (Newcastle Centre)<br>Regional Drugs and Therapeutics Centre, Wolfson Unit | Claremont Place<br>Newcastle-upon-Tyne<br>NE1 4LP Newcastle  | 0344 892 0111                      |   |
| United States of America | American Association of Poison Control Centers  | 515 King St., Suite 510<br>VA 22314 Alexandria   | 1-800-222-1222<br>+56 2 2 247 3600 |   |

### 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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 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

Other hazards which do not result in classification : Sulphur dioxide. May cause allergy or asthma symptoms or breathing difficulties if inhaled. mild skin irritation.

### 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            | : In case of doubt or persistent symptoms, consult always a physician. Remove victim from polluted area. Take off immediately all contaminated clothing. Never give anything by mouth to an unconscious person. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. |
| 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, take off immediately all contaminated clothing, and wash immediately with plenty of 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 attempt to induce vomiting : risk of inhalation. 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 : May cause respiratory irritation.  
Symptoms/effects after skin contact : None under normal conditions. May cause irritation to skin.  
Symptoms/effects after eye contact : May cause eye irritation.  
Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

### 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.  
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. Sulphur oxides.

### 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 : Provision to contain effluent from fire extinguishing. 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. Ensure adequate air ventilation. Evacuate personnel to a safe area. Spilled material may present a slipping hazard.

### 6.1.1. For non-emergency personnel

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

### 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

- |                         |   |
|-------------------------|---|
| For containment         | : Cover spill with non combustible material, e.g.: sand, earth, vermiculite.  |
| Methods for cleaning up | : Mechanically recover the product. Take up liquid spill into absorbent material. Shovel into suitable and closed container for disposal. Clean contaminated surfaces with an excess of water. Liquid material is slippery. |
| 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Store tightly closed in a dry and cool place. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid inhalation of vapours.  |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. |

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

- |                           |  |
|---------------------------|--|
| Technical measures        | : Keep only in the original container. Store in a well-ventilated place. Keep container tightly closed. Containers which are opened should be properly resealed and kept upright to prevent leakage. |
| Storage conditions        | : Keep in a well-ventilated room. Store in a dry, cool place. Keep out of direct sunlight. Keep container closed when not in use. Keep container tightly closed.                                     |
| Incompatible products     | : Strong acids and oxidants.   |
| Incompatible materials    | : None to our knowledge.   |
| Heat and ignition sources | : Keep away from ignition sources (including static discharges). Store away from heat.   |

### 7.3. Specific end use(s)

For oenological 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. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure the ventilation system is regularly maintained and tested.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Refer to protective measures listed in Sections 7 and 8.

##### 8.2.2.1. Eye and face protection

| <b>Eye protection:</b>  |                      |                   |          |
|---|----------------------|-------------------|----------|
| Wear eye or face protection. Safety glasses with side shields |                      |                   |          |
| Type  | Field of application | Characteristics   | Standard |
| Safety glasses  |                      | With side shields | EN 166   |

##### 8.2.2.2. Skin protection

| <b>Skin and body protection:</b>       |          |
|--|----------|
| Wear suitable protective clothing      |          |
| Type                                   | Standard |
| Chemically resistant protective gloves | EN 374   |

| <b>Hand protection:</b>   |          |            |                |             |            |
|---|----------|------------|----------------|-------------|------------|
| In case of repeated or prolonged contact wear gloves. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear. Protective gloves. EN 374. Wash hands immediately after handling the product |          |            |                |             |            |
| Type  | Material | Permeation | Thickness (mm) | Penetration | Standard   |
| Chemically resistant protective gloves  |          |            |                |             | EN ISO 374 |

|  |
|--|
| <b>Other skin protection</b>   |
| <b>Materials for protective clothing:</b>                            |
| Long sleeved protective clothing. Use chemically protective clothing |

### 8.2.2.3. Respiratory protection

|  |
|--|
| <b>Respiratory protection:</b>   |
| In case of insufficient ventilation, wear suitable respiratory equipment. EN 143 |

### 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              | : Liquid          |
| Colour                      | : Brown.          |
| Appearance                  | : Liquid.         |
| Odour                       | : characteristic. |
| Odour threshold             | : Not available   |
| Melting point               | : Not applicable  |
| Freezing point              | : Not available   |
| Boiling point               | : Not available   |
| Flammability                | : Not applicable  |
| Explosive limits            | : Not available   |
| 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  | : 2 – 3          |
| Viscosity, kinematic                            | : Not available  |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50 °C                        | : Not available  |
| Density   | : Not available  |
| Relative density                                | : Not available  |
| Relative vapour density at 20 °C                | : Not available  |
| Particle size                                   | : Not applicable |
| Particle size distribution                      | : Not applicable |
| Particle shape                                  | : Not applicable |
| Particle aspect ratio                           | : Not applicable |
| Particle aggregation state                      | : Not applicable |
| Particle agglomeration state                    | : Not applicable |
| Particle specific surface area                  | : Not applicable |
| Particle dustiness                              | : 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

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.

### 10.5. Incompatible materials

Oxidizing agent. Acids.

**10.6. Hazardous decomposition products**

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

**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)   |
| Skin corrosion/irritation         | : Slightly irritant but not relevant for classification (Based on available data, the classification criteria are not met)<br>pH: 2 – 3 |
| Serious eye damage/irritation     | : May be slightly irritating to skin and eyes (Based on available data, the classification criteria are not met)<br>pH: 2 – 3           |
| Respiratory or skin sensitisation | : Did not cause sensitisation (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)   |

**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. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. |
| 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

#### TANSPARK®

Persistence and degradability

May biodegrade.

### 12.3. Bioaccumulative potential

No additional information available

### 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

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

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : 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 |
| 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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### 15.1.2. National regulations

###### Germany

Water hazard class (WGK) : WGK 2, Significantly 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

NIET-limitatieve lijst van voor de : None of the components are listed

voortplanting giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de : None of the components are listed

voortplanting giftige stoffen –

Vruchtbaarheid

NIET-limitatieve lijst van voor de : None of the components are listed

voortplanting giftige stoffen – Ontwikkeling

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

| Indication of changes: |                                     |          |          |
|------------------------|-------------------------------------|----------|----------|
| Revision - See : *.    |                                     |          |          |
| Section                | Changed item                        | Change   | Comments |
| 4.1                    | First-aid measures general          | Modified |          |
| 4.2                    | Symptoms/effects after ingestion    | Added    |          |
| 4.2                    | Symptoms/effects after eye contact  | Added    |          |
| 4.2                    | Symptoms/effects after skin contact | Added    |          |

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|      |  |          |  |
|------|--|----------|--|
| 4.2  | Symptoms/effects after inhalation                | Added    |  |
| 5.1  | Suitable extinguishing media                     | Modified |  |
| 5.2  | Fire hazard                                      | Added    |  |
| 5.2  | Fire hazard                                      | Added    |  |
| 5.2  | Hazardous decomposition products in case of fire | Modified |  |
| 5.2  | Explosion hazard                                 | Added    |  |
| 5.3  | Firefighting instructions                        | Added    |  |
| 6.1  | General measures                                 | Added    |  |
| 6.1  | Emergency procedures                             | Modified |  |
| 6.2  | Environmental precautions                        | Modified |  |
| 6.3  | Methods for cleaning up                          | Modified |  |
| 6.3  | Other information                                | Modified |  |
| 7.1  | Precautions for safe handling                    | Modified |  |
| 7.1  | Hygiene measures                                 | Modified |  |
| 7.2  | Storage conditions                               | Modified |  |
| 7.2  | Incompatible materials                           | Modified |  |
| 7.2  | Incompatible products                            | Modified |  |
| 8.2  | Eye protection                                   | Modified |  |
| 8.2  | Appropriate engineering controls                 | Modified |  |
| 8.2  | Hand protection                                  | Modified |  |
| 8.2  | Materials for protective clothing                | Modified |  |
| 8.2  | Respiratory protection                           | Modified |  |
| 10.6 | Hazardous decomposition products                 | Modified |  |
| 11.1 | Reason for no classification                     | Added    |  |
| 12.1 | Ecology - general                                | Added    |  |
| 12.1 | Ecology - general                                | Modified |  |
| 12.6 | Other adverse effects                            | Modified |  |
| 12.6 | Other adverse effects                            | Modified |  |
| 13.1 | Regional legislation (waste)                     | Added    |  |

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|      |                                 |          |  |
|------|---------------------------------|----------|--|
| 13.1 | Sewage disposal recommendations | Added    |  |
| 13.1 | Regional legislation (waste)    | Added    |  |
| 15.1 | WGK - SDS Preview               | 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.