

#### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 25/01/2018 Revision date: 12/03/2021 Supersedes version of: 04/08/2020 Version: 2.1

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

#### **1.1. Product identifier**

Product form	: Mixture
Trade name	: POLYMUST <sup>®</sup> ROSE
Product group	: Trade product
Other means of identification	: E1202

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

#### **1.2.1.** Relevant identified uses

Main use category Industrial/Professional use spec Use of the substance/mixture Use of the substance/mixture

Preventive treatment of oxidation.For œnological use

: For professional users only

: Professional use

#### 1.2.2. Uses advised against

No additional information available

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

#### Manufacturer

LAFFORT FRANCE P.O. Box CS 61611 33072 BORDEAUX CEDEX - FRANCE T +33 (0)5 56 86 53 04 - F +33 (0)5 56 86 30 50 info@laffort.com - www.laffort.com

#### Distributor

LAFFORT CHILE PARCELA 233, LOTE 2, COLONIA KENNEDY, SECTOR HOSPITAL 9540000 PAINE - CHILE T +56 22 979 1590 - F +56 9 5201 7140 info@laffort.com - www.laffort.com

#### Distributor

LAFFORT ITALIA S.P. PER CASTELNUOVO SCRIVIA S.N.C. 15057 TORTONA AL T +39 0131 863 608 - F +39 0131 821 305 <u>laffortitalia@laffort.com</u> - <u>www.laffort.com</u>

#### Distributor

LAFFORT SOUTH AFRICA 32 ZANDWYK PARK

#### Distributor

LAFFORT AUSTRALIA 23 BURWOOD AVENUE WOODVILLE NORTH 5012 SOUTH AUSTRALIA - AUSTRALIA T (08) 8360 2200 info@laffort.com - www.laffort.com

Manufacturer

LAFFORT ESPAÑA S.A. TXIRRITA MALEO 12 APTDO 246 20100 RENTERIA (Guipúzcoa) - ESPAÑA T 0034943344068 - F 0034943344281 info@laffort.com - www.laffort.com

#### Distributor

LAFFORT NEW ZEALAND 4/B GREENWOODS CLOSE TITIRANGI P.O. Box P.O. BOX 60-249 1000 AUCKLAND - NEW ZEALAND T 64 (0) 21 322 290 info@laffort.com - www.laffort.com

# Distributor

LAFFORT USA 1460 CADER LANE

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#### 7646 PAARL - SOUTH AFRICA

T +27 21 882 8106 info@laffort.com - www.laffort.com SUITE C CA 94954 PETALUMA - USA T +1 (707) 775 4530 <u>laffortusa@laffort.com</u> - <u>www.laffortusa.com</u>

## **1.4. Emergency telephone number**

Country	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre The Children's Hospital at Westmead	Locked Bag 4001 NSW 2145 Westmead	13 11 26	
Canada	Ontario Poison Centre (OPC)	The Hospital for Sick Children 555 University Avenue ON M5G 1X8 Toronto	1-800-268-9017 (416) 813-5900	
Canada	BC Drug and Poison Information Centre (DPIC)	655 West 12th Avenue BC V5Z 4R4 Vancouver	1-800-567-8911 (604) 682-5050	
China	National Poison Control Center	Chinese Center for Disease Control and Prevention Nanwei road, No.29 100050 Beijing	+86 10 831 32 046	
Croatia	Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada	Ksaverska Cesta 2 p.p. 291 10000 Zagreb	+385 1 234 8342	Information available 24/7 in Croatian and English
Czech Republic	Toxikologické informační středisko Klinika pracovního lékařství VFN a 1. LF UK	Na Bojišti 1 120 00 Praha 2	+420 224 919 293 +420 224 915 402	
Denmark	Giftlinjen	Bispebjerg Bakke 23 Opgang 20 C 2400 København NV	+45 82 12 12 12	
Georgia	National Toxicology Information Advisory Center	Tbilisi State Medical University Department of Toxicology - 7 Asatiani St. 380 077 Tbilisi	+995 99 533320	
Greece	Poisons Information Centre Children's Hospital P&A Kyriakou	11762 Athens	+30 2 10 779 3777	
Hungary	Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat	Nagyvárad tér 2. 1437 Budapest, Pf. 839 1097 Budapest	+36 80 20 11 99	

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Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900
Japan	Japan Poison Information Center	Tsukuba Medical Center 1-1-1 Amakubo 305-0005 Tsukuba City, Ibaraki	+81-29-856-3566 +81-72-727-2499
Jordan	National Drug & Poison Information Center of Jordan		0798506755 00962-6-5353444
Kazakhstan	Republican Toxicology Center	Tole-bi 93 480083 Almaty	+7 3272 925 868
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504
New Zealand	National Poisons Centre	Dunedin School of Medicine, University of Otago PO Box 913 9054 Dunedin	0800 764 766 +56 2 2 247 3600
Poland	National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 90950 Łódź	+48 42 63 14 724
Romania	Department of Clinical Toxicology Spitalul de Urgenta Floreasca	Calea Floreasca Bucuresti	+40 21 230 8000
Russia	Информационно- консультативный центр по токсикология (RTIAC) Министерство здравоохранения Российской Федерации	3 Сухаревская Площадь Блок 7 129090 г. Москва	+7 495 628 1687 (только на русском)
Serbia	Nacionalni centar za kontrolu trovanja - VMA	Crnotravska 17 11000 Beograd	+381 11 360 84 40
Slovenia	Center za klinično toksikologijo in farmakologijo Interna klinika, UKCL	Zaloška 7 1000 Ljubljana	+386 522 52 83
South Africa	Tygerberg Poison Information Centre	Division of Clinical Pharmacology Faculty of Medicine and Heath Sciences Stellenbosch University - PO Box 241 8 000 Cape Town	0861 555 777 +56 2 2 247 3600

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Sweden	Giftinformationscentralen	Solna Strandväg 21 171 54 Solna	112 – begär Giftinformation	
Turkey	Ulusal Zehir Merkezi (UZEM) Refik Saydam Hıfzısıhha Merkezi Başkanlığı	Cemal Gürsel Cd. No: 18 Sıhhiye Çankaya 06590 Ankara	114	Information is provided to public and medical personnel on poisoning incidents via 114.
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	
United States of America	American Association of Poison Control Centers	515 King St., Suite 510 VA 22314 Alexandria	1-800-222-1222 +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

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

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#### 2.3. Other hazards

No additional information available

# 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 e	ffects, both acute and delayed
Symptoms/effects	: More detailed information: See section 11.
Symptoms/effects after inhalation	: None under normal use.
Symptoms/effects after skin contact	<ul> <li>Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.</li> </ul>
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Gastrointestinal complaints.

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

Treat symptomatically.

SECTION 5: Firefighting measure	S
5.1. Extinguishing media	
Suitable extinguishing media	: If there is a fire close by, use suitable extinguishing agents. carbon dioxide (CO2), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media	: Do not use water jet.

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5.2. Special hazards arising from the sul	ostance or mixture
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	<ul> <li>In case of fire and/or explosion do not breathe fumes.</li> <li>Avoid raising powdered material due to explosion hazard.</li> <li>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. Nitrogen oxides.</li> </ul>
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 me	easures
6.1. Personal precautions, protective	e 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. Evacuate area. Spilled material may present a slipping hazard. Avoid contact with skin, eyes and clothing.
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 co	ontainment and cleaning up
Methods for cleaning up	: Dust deposited may be vacuum cleaned or the area hosed down with water. Mechanically recover the product. Contain leaking substance, pump over in suitable containers. Clean contaminated surfaces with an excess of water. Avoid
Other information	<ul><li>raising powdered materials into airborne dust. Liquid material is slippery.</li><li>Dispose of materials or solid residues at an authorized site. Do not allow to enter drains or water courses.</li></ul>

# 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 stora	age
7.1. Precautions for safe handling	g
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. Wear recommended personal protective equipment. Avoid contact with skin and eyes. Store tightly closed in a dry and cool place. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Liquid material is slippery.
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, i	including any incompatibilities
Technical measures	: Keep only in the original container.
Storage conditions	<ul> <li>Store tightly closed in a dry and cool place. Keep in a well-ventilated room.</li> <li>Store away from heat/moisture. Keep out of direct sunlight. Keep container tightly closed to prevent moisture pick-up.</li> </ul>
Incompatible products	: Odour agents.
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

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#### **8.2. Exposure controls**

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Avoid dust formation. 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.

Personal protective equipment symbol(s):



#### 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. Use splash goggles when eye contact due to splashing is possible. Safety glasses			
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. Wear protective gloves. Type Material Permeation Thickness (mm) Penetration Standard

туре	IVIALEITAI	renneation	Thickness (IIIII)	renetiation	Stanuaru
Chemically resistant protective gloves	Nitrile rubber (NBR), Butyl rubber				EN ISO 374

Other skin protection Materials for protective clothing:
Wear suitable protective clothing. Long sleeved protective clothing. Antistatic clothing. EN 340. EN 1149

#### 8.2.2.3. Respiratory protection

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#### **Respiratory protection:**

Use engineering controls to keep exposures below the OEL or DNEL. No special protection required where adequate ventilation is maintained. Wear suitable respiratory equipment in case of insufficient ventilation. Where excessive dust may result, use approved respiratory protection equipment. 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	: Not available		
Odour threshold	: Not available		
Melting point	: Not available		
Freezing point	: Not applicable		
Boiling point	: Not available		
Flammability	: Not available		
Explosive properties	: Not explosive.		
Explosive limits	: Not applicable		
Lower explosive limit (LEL)	: Not applicable		
Upper explosive limit (UEL)	: Not applicable		
Flash point	: Not applicable		
Auto-ignition temperature	: Not applicable		
Decomposition temperature	: 300 – 500 °C		
рН	: Not available		
pH solution	: 6-8%		
Viscosity, kinematic	: Not applicable		
Solubility	: partly soluble. Water.		
Partition coefficient n-octanol/water (Log	: Not available		
Kow)			
Vapour pressure	: Not available		
Vapour pressure at 50 °C	: Not available		
Critical pressure	: 8 – 10 bar		
Density	: Not available		
Relative density	: Not applicable		
Relative vapour density at 20 °C	: Not applicable		

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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 of use.

#### **10.3.** Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid dust formation. Heat. flames or sparks. Moisture.

#### **10.5.** Incompatible materials

oxidation agents, reductor agents and bases.

#### **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	: Repeated or prolonged skin contact may cause irritation (Based on available data, the classification criteria are not met)		

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Aspiration hazard	: 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)
STOT-single exposure	: 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)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation Germ cell mutagenicity	<ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> </ul>
Serious eye damage/irritation	: May cause eye-irritation of susceptible persons (Based on available data, the classification criteria are not met)

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.		
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

No additional information available

#### **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

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# 12.7. Other adverse effects

Other adverse effects

: 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. Avoid dust formation. Recycling is preferred to disposal or incineration.		
Sewage disposal recommendations	: Do not flush into surface water or sewer system.		
Product/Packaging disposal	: Empty remaining contents. Dispose of contents/container in accordance with		
recommendations	licensed collector's sorting instructions.		
Ecology - waste materials	: Avoid release to the environment.		

# 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
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not regulated
ADN	
Transport hazard class(es) (ADN)	: Not regulated

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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		
Special transport precautions	: Prevent entry to sewers and public waters	
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

IBC code

: 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

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Other information, restriction and prohibition regulations	: For œnological use.
15.1.2. National regulations	
Germany	
Water hazard class (WGK)	: WGK 1, Slightly 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:			
Section	Changed item	Change	Comments
4.1	First-aid measures general	Modified	
4.1	First-aid measures general	Modified	
4.2	Symptoms/effects after inhalation	Added	
4.2	Symptoms/effects after skin contact	Added	
4.2	Symptoms/effects after eye contact	Added	
4.2	Symptoms/effects after ingestion	Added	
5.2	Fire hazard	Added	
5.2	Explosion hazard	Modified	
5.2	Hazardous decomposition products in case of fire	Modified	
6.1	General measures	Added	

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6.1	Emergency procedures	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	Incompatible materials	Added	
8.2	Appropriate engineering controls	Modified	
8.2	Eye protection	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	Skin corrosion/irritation - comment	Added	
13.1	Sewage disposal recommendations	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.