

#### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Review date: 23/08/2022 Supersedes version of: 03/11/2021 Version: 4.0

Distributor

Ireland

1 Farnham Street

Casoria Company Ltd. Ltd

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

#### 1.1. Product identifier

Product form Product name UFI Product code

- : Mixture
- : PHAGO'DERM ASEPT
- : S2K3-QFAH-T00H-YKCP
- : 1580

: Professional uses : Disinfectant

Liquid Soap

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

#### **1.2.1. Relevant identified uses** Main use category

Use of the substance/mixture

#### 1.2.2. Uses advised against

#### No additional information available 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

Christeyns France 31 rue de la Maladrie 44120 VERTOU France T +33 (0)240 80 27 27 - F +33 (0)240 03 09 73 health-security@christeyns.fr - www.christeyns.com

#### Distributor

Christeyns UK Ltd. Rutland Street GB– Bradford BD4 7EA United Kingdom T +44 (0)1274 39 32 86 - F +44 (0)1274 30 91 43 info@christeyns.be - www.christeyns.com

#### Distributor

Christeyns Food Hygiene Ltd. Ltd 2, Cameron Court, Winwick Quay GB– WA2 8RE Warrington – Cheshire United Kingdom T +44 (0)1925 23 46 96 - F +44 (0)1925 23 46 93 <u>UK-foodinfo@christeyns.com</u> - <u>www.christeyns.com</u>

#### 1.4. Emergency telephone number

# (0)240 03 09 73 T 00353 49 4361869 - F 00353 49 436 1869 - www.christeyns.com sds@casoria.ie - www.casoria.ie Distributor Christeyns Technologies Ltd. Mazars, Block 3, Harcout Centre, Harcourt Road IE- 2 Dublin

IE– 2 Dublin Ireland T +353 1 8146022

IE- H12 A9K0 Cavan - Co. Cavan

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

# **SECTION 2:** Hazards identification 2.1. Classification of the substance or mixture

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

Flammable liquids, Category 2	H225
Serious eye damage/eye irritation, Category 2	H319
Full text of H- and EUH-statements: see section 16	

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

Highly flammable liquid and vapour. Causes serious eye irritation.

#### Safety Data Sheet

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

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 127	72/2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS07
CLP Signal word	: Danger
Hazard statements (CLP)	: H225 - Highly flammable liquid and vapour. H319 - Causes serious eye irritation.
Precautionary statements (CLP)	<ul> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> </ul>
	P337+P313 - If eye irritation persists: Get medical advice/attention.
2.3. Other hazards	

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component		
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N- dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts (147170-44-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Propan-2-ol (67-63-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, 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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol (Active substance (Biocide)) substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH)	CAS-no: 64-17-5 Einecs nr: 200-578-6 EG annex nr: 603-002-00-5 REACH-no: 01-2119457610- 43	30 – 60	Flam. Liq. 2, H225 Eye Irrit. 2, H319
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N- dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts	CAS-no: 147170-44-3 REACH-no: 01-2119489410- 39	≥1-<3	Eye Dam. 1, H318 Aquatic Chronic 3, H412
Glycerol substance with national workplace exposure limit(s) (BE, CZ, DE, EE, ES, FI, FR, GB, GR, HR, IE, PL, SK, CH)	CAS-no: 56-81-5 Einecs nr: 200-289-5 REACH-no: 01-2119471987- 18	≥ 1	Not classified
Propan-2-ol substance with national workplace exposure limit(s) (AT, BE, BG, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, PL, PT, RO, SE, SI, SK, NO, CH); substance with a Community workplace exposure limit	CAS-no: 67-63-0 Einecs nr: 200-661-7 EG annex nr: 603-117-00-0 REACH-no: 01-2119457558- 25	≥1-<3	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

#### **Specific concentration limits:**

Name	Product identifier	Specific concentration limits
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N- dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts	CAS-no: 147170-44-3 REACH-no: 01-2119489410- 39	( 4 <c 10)="" 2,="" eye="" h319<br="" irrit.="" ≤="">( 10 <c 1,="" 100)="" dam.="" eye="" h318<="" td="" ≤=""></c></c>
Full text of H- and EUH-statements: see section 16		

#### Safety Data Sheet

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

SECTION 4: First aid measures 4.1. Description of first aid measures	
General advice	: In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation	<ul> <li>If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> </ul>
Skin contact	: Take off contaminated clothing and wash it before reuse. Wash skin with plenty of water and soap.
Eye contact	<ul> <li>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.</li> </ul>
Ingestion	: Rinse mouth with water, do not induce vomiting, call a doctor.
4.2. Most important symptoms and effects,	both acute and delayed
Acute effects inhalation	: No data available.
Acute effects skin	: No data available.
Acute effects eyes	: Causes eye irritation.
Acute effects oral route	: No data available.
<b>4.3. Indication of any immediate medical at</b> Treat symptomatically.	tention and special treatment needed
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the subst	
Fire hazard	: Highly flammable liquid and vapour.
Hazardous decomposition products in case of fire	: Combustion products may include the following: carbon oxides (CO, CO2) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO <sub>2</sub> etc.).
5.3. Advice for firefighters	
Precautionary measures fire	: Eliminate all ignition sources if safe to do so.
Firefighting instructions	: Fight fire with normal precautions from a reasonable distance. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Use a self-contained breathing apparatus and also a protective suit.
SECTION 6: Accidental release measur 6.1. Personal precautions, protective equip	
6.1.1. For non-emergency personnel	

6.1.1. For non-emergency personner	
Protective equipment	: Concerning personal protective equipment to use, see section 8.
Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene. Evacuate unnecessary personnel. Do not breathe vapours. Avoid contact with skin and eyes. Ventilate spillage area.
6.1.2. For emergency responders	
Protective equipment	: Use self-contained breathing apparatus and chemically protective clothing.
Emergency procedures	: Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Stop leak if safe to do so.
6.2. Environmental precautions Avoid release to the environment.	
6.3. Methods and material for containment	and cleaning up
For containment	: Contain large spillage with sand or earth.
Methods for cleaning up	: Clear up rapidly by scoop or vacuum. Flush residue with large amounts of water.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections For further information refer to section 13. For furthe	r information refer to section 8: "Exposure controls/personal protection".

#### **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Ground/bond container and receiving equipment. Use explosion-proof equipment.

### Safety Data Sheet

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

Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Always wash hands after handling the product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.	
7.2. Conditions for safe storage, including an		
Storage conditions	: Store in original container. Store at ambient temperature. Protect from sunlight.	
Storage temperature	: 5 – 30 °C	
Storage area	: Store in a well-ventilated place.	
7.3. Specific end use(s) No additional information available		
SECTION 8: Exposure controls/personal protection 8.1. Control parameters		
8.1.1 National occupational exposure and biological limit values		
Propan-2-ol (67-63-0)		
EU - Indicative Occupational Exposure Limit (IOEL)		

EU - Indicative Occupational Exposure Limit (IOE	L)
IOEL STEL	980 mg/m³
IOEL STEL [ppm]	400 ppm
Ireland - Occupational Exposure Limits	
Local name	Isopropyl alcohol [Propan-2-ol]
OEL TWA [2]	200 ppm
OEL STEL [ppm]	400 ppm
Remark	Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body)
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	Propan-2-ol
WEL TWA (OEL TWA) [1]	999 mg/m³
WEL TWA (OEL TWA) [2]	400 ppm
WEL STEL (OEL STEL)	1250 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	500 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Glycerol (56-81-5)	
Ireland - Occupational Exposure Limits	
Local name	Glycerol, mist
OEL TWA [1]	10 mg/m <sup>3</sup>
United Kingdom - Occupational Exposure Limits	
Local name	Glycerol
WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup> mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Ethanol (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (OEL TWA) [1]	1920 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

#### Safety Data Sheet

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

#### 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.

#### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

Eye protection: EN 166. Safety glasses

#### 8.2.2.2. Skin protection

Protective equipment:

Not required

## Hand protection:

Not required

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

No personal breathing protective equipment is normally required.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### **SECTION 9: Physical and chemical properties** 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Physical state/form	: Opalescent Gel.
Odour	: odourless.
Odour threshold	: Not available
Melting point/range	: Not determined as it is not relevant for the characterization of the product
Freezing point	: Not determined as it is not relevant for the characterization of the product
Softening point	: Not determined as it is not relevant for the characterization of the product
Boiling point/Boiling range	: 68 °C
Flammability	: Not applicable
Explosive properties	: Heating may cause an explosion.
Explosive limits	: Not available
Lower explosion limit	: 3.1 vol % Ethanol
Upper explosion limit	: 27.7 vol % Ethanol
Flash point	: 22.1 °C
Autoignition temperature	: 425 °C Ethanol
Decomposition temperature	: Not determined as it is not relevant for the characterization of the product
рН	: 6.5 – 7.5
Viscosity, kinematic	: 1661.13 mm²/s
Viscosity, dynamic	: 1500 (1000 – 2000) mPa.s
Solubility	: Water: 100 %
Partition coefficient n-octanol/water (Log Kow)	: Not available

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/200	)6 amended by Regulation (EU) 2020/878
Log Pow	: Not applicable for preparations
Vapour pressure	: 1.59 Ethanol
Vapour pressure at 50°C	: Not available
Density	: 0.903 g/cm <sup>3</sup>
Relative density	: 0.898 – 0.908
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable
9.2. Other information	
<b>9.2.1. Information with regard to physical</b> No additional information available	hazard classes
9.2.2. Other safety characteristics VOC content	: 56.47 % (VOC Swiss)
SECTION 10: Stability and reactiv 10.1. Reactivity Highly flammable liquid and vapour. 10.2. Chemical stability	rity
Stable under normal conditions. 10.3. Possibility of hazardous reactio	ns
No dangerous reactions known under norma 10.4. Conditions to avoid	
10.5. Incompatible materials	open flames and other ignition sources. No smoking.
No additional information available	
10.6. Hazardous decomposition prod	ucts released during prolonged heating like smokes, carbon monoxide and dioxide. Nitrogen oxides.
Thazardous decomposition products may be r	eleased during prolonged heating like shokes, carbon monoxide and dioxide. Nitrogen oxides.
	as defined in Regulation (EC) No 1272/2008
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Propan-2-ol (67-63-0)	
LD50 oral rat	5840 mg/kg
LD50 dermal rabbit	13900 mg/kg
LC50 Inhalation - Rat	> 25 mg/l/4h
1-Propanaminium, 3-amino-N-(carbo 44-3)	oxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts (147170-
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
Ethanol (64-17-5)	
LC50 Inhalation - Rat (Vapours)	51 mg/l/4h
Skin corrosion/irritation	: Not classified
	pH: 6.5 – 7.5
Serious eye damage/irritation	: Causes serious eye irritation.
Poppiratony or alvin constituation	pH: 6.5 – 7.5 : Not classified
Respiratory or skin sensitisation	
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Propan-2-ol (67-63-0)	
IARC group	3 - Not classifiable

n'ito group	
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

### Safety Data Sheet

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

Propan-2-ol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.
Ethanol (64-17-5)	
NOAEL (oral, rat)	1730 mg/kg bodyweight (90d, female)
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
PHAGO'DERM ASEPT	
Viscosity, kinematic	1661.13 mm <sup>2</sup> /s
<b>11.2. Information on other hazards</b> No additional information available	
SECTION 12: Ecological information	
<b>12.1. Toxicity</b> Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term
the sector is the second sector is the second sector is a	adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable	: Not classified
Propan-2-ol (67-63-0)	0040 mm/
LC50 - Fish [1]	9640 mg/l
EC50 - Crustacea [1]	9714 mg/l
EC50 72h - Algae [1]	> 100 mg/I (Scenedesmus subspicatus)
1-Propanaminium, 3-amino-N-(carboxymeth 44-3)	nyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts (147170-
LC50 - Fish [1]	1.11 mg/l
EC50 - Crustacea [1]	1.9 mg/l
NOEC chronic fish	≤ 1 mg/l
12.2. Persistence and degradability Propan-2-ol (67-63-0)	
Persistence and degradability	Biodegradable.
Ethanol (64-17-5)	
Persistence and degradability	Biodegradable.
12.3. Bioaccumulative potential PHAGO'DERM ASEPT	
Log Pow	Not applicable for preparations
12.4. Mobility in soil	
No additional information available	
<b>12.5. Results of PBT and vPvB assessment</b> No additional information available	
<b>12.6. Endocrine disrupting properties</b> No additional information available	
<b>12.7. Other adverse effects</b> No additional information available	
SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	<ul> <li>Dispose of contents/container in accordance with incensed collector's sorting instructions.</li> <li>a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste. Refer to manufacturer/supplier for information on recovery/recycling.</li> </ul>

#### Safety Data Sheet

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

Waste / unused products	: Collect all waste in suitable and labelled containers and dispose according to local legislation.
HP Code	<ul> <li>HP3 - "Flammable:"</li> <li>flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point &gt; 55 °C and ≤ 75 °C;</li> <li>flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;</li> <li>flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;</li> <li>flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard program of 101.2 kBa;</li> </ul>

standard pressure of 101.3 kPa; - water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;

other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

#### **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA 

ADR	IMDG	ΙΑΤΑ
14.1. UN number or ID number		
UN 1170	UN 1170	UN 1170
14.2. UN proper shipping name		
ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL (ETHYL ALCOHOL)	Ethanol solution
Transport document description		
UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, (D/E)	UN 1170 ETHANOL (ETHYL ALCOHOL), 3, III	UN 1170 Ethanol solution, 3, III
14.3. Transport hazard class(es)	· · · · · · · · · · · · · · · · · · ·	
3	3	3
14.4. Packing group		
III	Ш	III
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		
4.6. Special precautions for user		
Overland transport		
Classification code (ADR)	: F1	
Special provisions (ADR)	: 144, 601	
imited quantities (ADR)	: 51	
Packing instructions (ADR)	: P001, IBC03, LP01, R001	
lixed packing provisions (ADR)	: MP19	
ortable tank and bulk container instructions	: T2	
Portable tank and bulk container special provisions	: TP1	
ank code (ADR)	: LGBF	
ehicle for tank carriage	: FL	
ransport category (ADR)	: 3	
pecial provisions for carriage - Packages (ADR)	: V12	
pecial provisions for carnage - Fackages (ADR)		
Special provisions for carriage - Packages (ADR)	: S2	

#### Safety Data Sheet

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

Orange plates	30
	1170
Tunnel code	: D/E
EAC code	: •2YE
Transport by sea	
Special provisions (IMDG)	: 144, 223
Limited quantities (IMDG)	: 5 L
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Air transport	
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3, A58, A180

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

#### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

#### REACH Annex XVII (Restriction List)

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

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

#### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### VOC Directive (2004/42)

VOC content

: 56.47 % (VOC Swiss)

#### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### Safety Data Sheet

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

#### **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Change	Comments
14		Modified	
	Regulatory framework	Modified	

Abbreviations and	d acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3

#### Safety Data Sheet

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

Full text of H- and EUH-statements:		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 2	Flammable liquids, Category 2	
H225	Highly flammable liquid and vapour.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
H412	Harmful to aquatic life with long lasting effects.	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 2	H225	Calculation method
Eye Irrit. 2	H319	Calculation method

Safety Data Sheet (SDS), EU

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.