

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Reference number: Periodic review of SDS 03/02/2025 Issue date: 19/06/2014 Revision date: 03/02/2022 Supersedes version of: 07/10/2021 Version: 2.4

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

1.1. Product identifier	
Product form Product name	: Mixture : Complete Bio Care WP 0909
Product code	: WP 0909
Type of product	: Preparation based on solvents and surfactants, Microorganism-, enzyme-based cleaner
Product group	: Blend
1.2. Relevant identified uses of the substan	ce or mixture and uses advised against
1.2.1. Relevant identified uses	
Industrial/Professional use spec	: Industrial
	For professional use only
Use of the substance/mixture	: Biological cleaner for kitchens and drains
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the safety data	a sheet
Wessex Chemical Factors Ltd	
17 Crane Way, Woolsbridge Industrial Park,	
Three Legged Cross, Wimborne, Dorset – BH21 6FA	λ.
United Kingdom	
T +44 (0) 1202 823 699 - F +44 (0) 1202 813 863 www.wessexchemicalfactors.co.uk	

E-mail address of competent person responsible for the SDS : info@wessexchemicalfactors.co.uk

#### **1.4. Emergency telephone number**

Emergency number

: +44 (0) 1202 823 699 (Office hours only 9am - 5pm Monday - Thursday, 9am - 4pm Friday.) +44 (0) 7973629367 (Out of hours emergency number)

## **SECTION 2: Hazards identification**

2.1. Classification of the substance	or mixture
Classification according to Regulation (	EC) No. 1272/2008 [CLP]
Serious eye damage/eye irritation, Categor	y 2 H319
Full text of H- and EUH-statements: see se	ction 16
Adverse physicochemical, human health	n and environmental effects
Causes serious eye irritation.	
2.2. Label elements	
Labelling according to Regulation (EC) I	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	: GHS07
Signal word (CLP)	: Warning
Hazard statements (CLP)	: H319 - Causes serious eye irritation.
Precautionary statements (CLP)	<ul> <li>P264 - Wash hands thoroughly after handling.</li> <li>P280 - Wear eye protection, face protection, protective gloves, protective clothing.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove</li> </ul>

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contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

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

### **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]
citric acid	CAS-No.: 77-92-9 EC-No.: 201-069-1 EC Index-No.: 607-750-00-3 REACH-no: 01-2119457026- 42-XXXX	10 – 15	Eye Irrit. 2, H319 STOT SE 3, H335
propan-2-ol; isopropyl alcohol; isopropanol substance with national workplace exposure limit(s) (GB)	CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0 REACH-no: 01-2119457558- 25-XXXX	1 – 3	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
alcohols, C9-11, ethoxylated	CAS-No.: 68439-46-3	≥ 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
DIETHYL PHTHALATE substance with national workplace exposure limit(s) (GB)	CAS-No.: 84-66-2 EC-No.: 201-550-6	< 0.01	Not classified
DIPHENYL ETHER substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 101-84-8 EC-No.: 202-981-2	< 0.01	Eye Irrit. 2, H319
CAMPHOR substance with national workplace exposure limit(s) (GB)	CAS-No.: 76-22-2 EC-No.: 200-945-0	< 0.01	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	<ul> <li>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>
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after eye contact : Eye irritation.

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	<ul> <li>Use extinguishing media appropriate for surrounding fire. Sand. Water spray. Dry powder.</li> <li>Foam. Carbon dioxide.</li> <li>Do not use a heavy water stream.</li> </ul>
0 0	
5.2. Special hazards arising from the subs	tance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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 enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective e	equipment and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		
Avoid release to the environment. Prevent entr	y to sewers and public waters. Notify authorities if liquid enters sewers or public waters.	
6.3. Methods and material for containn	nent and cleaning up	

Methods for cleaning up Other information	<ul> <li>Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.</li> <li>Dispose of materials or solid residues at an authorized site.</li> </ul>
6.4. Reference to other sections	

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment.

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Hygiene measures	: 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. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	ng any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: ≥5 °C
Storage area	: Protect from freezing.

### 7.3. Specific end use(s)

Cleaning.

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

propan-2-ol; isopropyl alcohol; isopropanol (6	67-63-0)
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
DIETHYL PHTHALATE (84-66-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Diethyl phthalate
WEL TWA (OEL TWA) [1]	5 mg/m³
WEL STEL (OEL STEL)	10 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
DIPHENYL ETHER (101-84-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Diphenyl ether
IOEL TWA	7 mg/m³
IOEL STEL	14 mg/m³
IOEL STEL [ppm]	2 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
United Kingdom - Occupational Exposure Limits	
Local name	Diphenyl ether
WEL TWA (OEL TWA) [1]	7 mg/m³
WEL TWA (OEL TWA) [2]	1 ppm

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DIPHENYL ETHER (101-84-8)		
WEL STEL (OEL STEL)	14 mg/m³	
WEL STEL (OEL STEL) [ppm]	2 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
CAMPHOR (76-22-2)		
United Kingdom - Occupational Exposure Limits		
Local name	Bornan-2-one	
WEL TWA (OEL TWA) [1]	13 mg/m³	
WEL TWA (OEL TWA) [2]	2 ppm	
WEL STEL (OEL STEL)	19 mg/m³	
WEL STEL (OEL STEL) [ppm]	3 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

#### 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.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Protective goggles. Gloves. Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

Eye protection: Safety glasses

#### 8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Wear protective gloves.

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

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#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use.

## **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light green.
Odour	: Odour relevant to fragrance. Pleasant (perfume).
Odour threshold	: No data available
рН	: No data available
pH solution	: 1.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: ~ 100 °C
Flash point	: ~65 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.042 g/cm <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

#### 9.2. Other information

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**

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

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## 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

11.1 Information on toxicological effects         Acute toxicity (criat)       : Not classified         Acute toxicity (inhalatori)       : Not classified         Acute toxicity (inhalatori)       : Not classified         Citric acid (77-92-9)       I1700 mg/kg         LD50 oral rat       11700 mg/kg bodyweight (mouse)         LD50 darmal rat       > 2000 mg/kg bodyweight (mouse)         LD50 darmal rat       5045 mg/kg         LD50 oral rat       22000 mg/kg         LD50 oral rat       < 2000 mg/kg         LD50 oral rat       224 fwg Guinea Pig         Skin corroson/Intation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Serious ey damage/intation       : Rot classified         Additional information       : Based on available data, the classification criteria are not met         Germ call rulagenidy       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Germ call rulagenidy <th>SECTION 11: Toxicological information</th> <th></th>	SECTION 11: Toxicological information	
Acute toxicity (initializion)       i> Not classified         Acute toxicity (initializion)       i> Not classified         LDS0 oral       6400 mg/kg bodyweight (mouse)         LDS0 oral       6400 mg/kg bodyweight (mouse)         LDS0 oral       6400 mg/kg bodyweight (mouse)         LDS0 oral rat       5045 mg/kg         LDS0 oral rat       2000 mg/kg         LDS0 oral rat       8600 mg/kg         LDS0 oral rat       22.4 g/kg Guinea Pig         Skin corrosin/intation       i> Not classified         Additional information       : Based on available data, the classification oriteria are not met         Reen cell mutagenicity       : Not classified         Additional information       : Based on available data, the cl	11.1 Information on toxicological effects	
LD50 oral rat       11700 mg/kg         LD50 oral rat       5400 mg/kg bodyweight (mouse)         LD50 dermal rat       > 2000 mg/kg bodyweight         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)          LD50 oral rat       5045 mg/kg         LD50 dermal rabbit       12800 mg/kg         LD50 dermal rabbit       12800 mg/kg         LD50 oral rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)          LD50 oral rat       < 2000 mg/kg         DIETHYL PHTHALATE (84-66-2)          LD50 dermal       22.4 g/kg Guinea Pilg         Skin corosion/intiation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Serious eye damage/initiation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Germ cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinagenicity       : Not classified	Acute toxicity (dermal)	Not classified
L050 oral       6400 mg/kg bodyweight (mouse)         L050 dermal rat       > 2000 mg/kg bodyweight         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       ID50 dermal rabbit         L050 dermal rabbit       12800 mg/kg         L050 dermal rabbit       12800 mg/kg         L050 dermal rabbit       12800 mg/kg         L050 oral rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)       IDETHYL PHTHALATE (84-66-2)         LD50 oral rat       < 2000 mg/kg	citric acid (77-92-9)	
L050 dermal rat       > 2000 mg/kg bodyweight         propan-2-0; isopropyl alcohol; isopropanol (67-63-0)         L050 dermal rabbit       12800 mg/kg         L050, male, female, Inhalation, rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)       L050 oral rat         L050 dermal       2000 mg/kg         DIETHYL PHTHALATE (84-66-2)       L050 oral rat         L050 dermal       22.4 g/kg Guinea Plg         Skin corrosion/irritation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Serious eye damage/irritation       : Causes serious eye irritation.         Respiratory or skin sensitisation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Germ cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure	LD50 oral rat	11700 mg/kg
propan-2-01; isopropyl alcohol; isopropanol (67-63-0)         LD50 orai rat       5045 mg/kg         LD50 dermal rabbit       12800 mg/kg         LC50, male, female, Inhalation, rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)          LD50 orai rat       < 2000 mg/kg	LD50 oral	5400 mg/kg bodyweight (mouse)
LD50 oral rat       5045 mg/kg         LD50 dermal rabbit       12800 mg/kg         LC50, male, female, Inhalation, rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)          LD50 oral rat       < 2000 mg/kg	LD50 dermal rat	> 2000 mg/kg bodyweight
LD50 dermal rabbit       12800 mg/kg         LC50, male, female, Inhalation, rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)	propan-2-ol; isopropyl alcohol; isopropanol	(67-63-0)
LC50, male, female, Inhalation, rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)          LD50 oral rat       < 2000 mg/kg	LD50 oral rat	5045 mg/kg
LC50, male, female, Inhalation, rat       > 10000 ppm (6 Hours, (OECD 403 method))         alcohols, C9-11, ethoxylated (68439-46-3)          LD50 oral rat       < 2000 mg/kg	LD50 dermal rabbit	
alcohols, C9-11, ethoxylated (68439-46-3)         LD50 oral rat       < 2000 mg/kg	LC50, male, female, Inhalation, rat	
LD50 oral rat       < 2000 mg/kg		
DIETHYL PHTHALATE (84-66-2)         LD50 oral rat       8600 mg/kg         LD50 dermal       22.4 g/kg Guinea Pig         Skin corrosion/irritation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Serious eye damage/irritation       : Causes serious eye irritation.         Respiratory or skin sensitisation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Gern cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         StDT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       STOT-single exposure       May cause respirato		< 2000 ma/kg
LD50 oral rat       8600 mg/kg         LD50 dermal       22.4 g/kg Guinea Pig         Skin corrosion/irritation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Serious eye damage/irritation       : Causes serious eye irritation.         Respiratory or skin sensitisation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Germ cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       :         STOT-single exposure       May cause respiratory irritation. </td <td>DIETHYL PHTHALATE (84-66-2)</td> <td></td>	DIETHYL PHTHALATE (84-66-2)	
LD50 dermal       22.4 g/kg Guinea Pig         Skin corrosion/irritation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Serious eye damage/irritation       : Causes serious eye irritation.         Respiratory or skin sensitisation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Germ cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       :         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-		8600 mg/kg
Skin corrosion/irritation       I Not classified         Additional information       : Based on available data, the classification criteria are not met         Serious eye damage/irritation       : Causes serious eye irritation.         Respiratory or skin sensitisation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Germ cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       :         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       :         STOT-single exposure	LD50 dermal	
Serious eye damage/irritation       : Causes serious eye irritation.         Respiratory or skin sensitisation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Gern cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       :         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       :         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       :         STOT-single exposure       May cause damage to organs. <t< td=""><td>Skin corrosion/irritation</td><td></td></t<>	Skin corrosion/irritation	
Respiratory or skin sensitisation       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Gern cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       : Not classified         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       : STOT-single exposure         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       : STOT-single exposure         STOT-single exposure       May cause damage to organs.         STOT-single exposure       : Not	Additional information	: Based on available data, the classification criteria are not met
Additional information       : Based on available data, the classification criteria are not met         Germ cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       :         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       :         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       :         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met	Serious eye damage/irritation	: Causes serious eye irritation.
Germ cell mutagenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       : STOT-single exposure         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       : STOT-single exposure         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       : STOT-single exposure         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Appiration hazard       : Not cla	Respiratory or skin sensitisation	Not classified
Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       : STOT-single exposure         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       : STOT-single exposure         STOT-single exposure       May cause damage to organs.         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Additional information       : Based on available data, the classification criteria are not met	Additional information	Based on available data, the classification criteria are not met
Carcinogenicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       : STOT-single exposure         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       : STOT-single exposure         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       : STOT-single exposure         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	Germ cell mutagenicity	Not classified
Additional information       : Based on available data, the classification criteria are not met         Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       : STOT-single exposure         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       : STOT-single exposure         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       : STOT-single exposure         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Additional information       : Based on available data, the classification criteria are not met	Additional information	Based on available data, the classification criteria are not met
Reproductive toxicity       : Not classified         Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       STOT-single exposure         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       STOT-single exposure         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       STOT-repeated exposure         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Additional information       : Based on available data, the classification criteria are not met	Carcinogenicity	Not classified
Additional information       : Based on available data, the classification criteria are not met         STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)       STOT-single exposure         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       STOT-single exposure         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       STOT-single exposure         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Appiration hazard       : Not classified	Additional information	Based on available data, the classification criteria are not met
STOT-single exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	Reproductive toxicity	Not classified
Additional information       : Based on available data, the classification criteria are not met         citric acid (77-92-9)         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	Additional information	Based on available data, the classification criteria are not met
citric acid (77-92-9)         STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       STOT-single exposure         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       STOT-single exposure         STOT-repeated exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	STOT-single exposure	Not classified
STOT-single exposure       May cause respiratory irritation.         propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	Additional information	Based on available data, the classification criteria are not met
propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)         STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	citric acid (77-92-9)	
STOT-single exposure       May cause drowsiness or dizziness.         CAMPHOR (76-22-2)       STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	STOT-single exposure	May cause respiratory irritation.
CAMPHOR (76-22-2)       May cause damage to organs.         STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	propan-2-ol; isopropyl alcohol; isopropanol	(67-63-0)
STOT-single exposure       May cause damage to organs.         STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure       : Not classified         Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	CAMPHOR (76-22-2)	
Additional information       : Based on available data, the classification criteria are not met         Aspiration hazard       : Not classified	STOT-single exposure	May cause damage to organs.
Aspiration hazard : Not classified	STOT-repeated exposure	Not classified
		: Based on available data, the classification criteria are not met
Additional information · · · · · · · · · · · · · · · · · · ·	Aspiration hazard	Not classified
	Additional information	Based on available data, the classification criteria are not met

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Potential adverse human health effects and symptoms

: Based on available data, the classification criteria are not met

effects in the environment. Hazardous to the aquatic environment, short-term : Not classified (acute) Hazardous to the aquatic environment, long-term : Not classified	SECTION 12: Ecological information	
Acardous to the aquatic environment, short-lem is Not classified (acute)       Not classified (acute)         Acardous to the aquatic environment, long-lem is Not classified (chronic):       Not classified (acute)         citica acid (77-92-9)       Colong il Fathead minnow, (P. promeias)         LCS0 - Fish [1]       > 50 mg/l (Zebra mussal D. polymorpha)         NOEC chronic algae       425 mg/l (Algae S. quadricauda)         DNCE Chronic algae       426 mg/l Fathead minnow (Pimephales promeias)         ECS0 - Fish [1]       9640 mg/l Fathead minnow (Pimephales promeias)         ECS0 - Fish [1]       9640 mg/l Fathead minnow (Pimephales promeias)         ECS0 - Fish [1]       9640 mg/l Fathead minnow (Pimephales promeias)         ECS0 - Fish [1]       9640 mg/l Fathead minnow (Pimephales promeias)         ECS0 - Fish [1]       9600 mg/l Cesmodesmus subspicatus)         ECS0 - Fish [1]       1000 mg/l (Desmodesmus subspicatus)         ECS0 - Fish [1]       1 on g/l         DETHYL PHTHALATE (84-66-2)       ECS0 - Fish [1]         ECS0 - Fish [2]       29 mg/l Sheephead minnow         ECS0 - Fish [2]       90 mg/l         ECS0 - Fish [2]       90 mg/l         ECS0 - Fish [2]       90 mg/l         ECS0 - Fish [2]       9 mg/l         ECS0 - Fish [2]       9 mg/l         NOEC chronic fish	12.1. Toxicity	
Harandon of the aquatic environment, long-term         Note classified           ciric acid(77-92-9)         > 000 ngl Fathead minnow, (P. promeias)           EG50 - Other aquatic organisms [1]         > 500 ngl / (Zebra mussel D. polymorpha)           NOEC chronic algae         425 ngl / (Algae S. quadricauda)           propan-2-01; isopropyl alcohol; isopropan         > 1000 ngl / Desmodesmus subspicatus)           EG50 - Fish [1]         > 1000 ngl / Desmodesmus subspicatus)           EG50 - Algae [1]         > 1000 ngl / Desmodesmus subspicatus)           EG50 - Algae [1]         > 1000 ngl / Desmodesmus subspicatus)           EG50 - Algae [1]         > 1000 ngl / Desmodesmus subspicatus)           EG50 - Algae [1]         > 1010 ngl           C50. recorregationse. Prevedom as quadricaudi (16 Hours)         Prometore           EG50 - Fish [1]         1 2 ngl Rahow trout           LG50 - Fish [1]         2 ngl Rahow trout           LG50 - Fish [2]         3 ngl           NGE - Chronic ratasca	Hazardous to the aquatic environment, short-term :	effects in the environment.
LC50 - Fish [1]     > 100 mg/l Fathead minnow, (P. promelas)       EC50 - Other aquatic organisms [1]     > 50 mg/l (Zebra mussel D. polymorpha)       NOEC chronic algae     425 mg/l (Algae S. quadricauda)       propan-2-ol; isopropyl alcohol; isopropanol		Not classified
ECS0 - Other aquatic organisms [1]       > 50 mg/l (Zebra mussel D. polymorpha)         NOEC chronic algae       425 mg/l (Algae S. quadricauda)         propan-2-of; isopropyl alcohol; isopropanol / -63-09         LCS0 - Fish [1]       9640 mg/l Fathead minnow (Pimephales promelas)         ECS0 daphnia, short term       9714 mg/l (24 Hours, (OECD 202 method))         ECS0 - Fish [1]       1050 mg/l (16 Hours)         alcohols, C9-11, ethoxylated (68439-46-3)       1         LCS0 - Fish [1]       1 - 10 mg/l         DETHYL PHTHALATE (84-66-2)       2         LCS0 - Fish [2]       29 mg/l Sheephead minnow         ECS0 - Crustacea [1]       90 mg/l         ECS0 - Trustacea [1]       90 mg/l         ECS0 - Trustacea [1]       90 mg/l         NOEC chronic fish       1.9 mg/l         NOEC chronic fish       Not established.         ctric acid (77-92-9)       Noe tasblished. </td <td>citric acid (77-92-9)</td> <td></td>	citric acid (77-92-9)	
NOEC chronic algae         425 mg/l (Algae S. quadricauda)           propan-2-of; isopropyl alcohol; isopropanol (F-63-0)           LC50 - Fish [1]         9640 mg/l Fathead minnow (Pimephales promelas)           EC50 72h - Algae [1]         > 1000 mg/l (Desmodesmus subspicatus)           EC50, daphnia, short term         9714 mg/l (24 Hours, (OECD 202 method))           EC50, microorganisms, Pseudomonas putida         1050 mg/l (16 Hours)           alcohols, C9-11, ethoxylated (68439-46-3)         I           LC50 - Fish [1]         1 - 10 mg/l           DIETHYL PHTHALATE (84-66-2)         I           LC50 - Fish [2]         29 mg/l Rainbow trout           LC50 - Fish [2]         29 mg/l Sheephead minnow           EC50 72h - Algae [1]         90 mg/l           EC50 - Fush [2]         90 mg/l           EC50 - Fush [2]         90 mg/l           EC50 - Fush [2]         90 mg/l           EC50 - Crustacea [1]         90 mg/l           NOEC chronic fish         1.9 mg/l           NOEC chronic fish         1.9 mg/l           NOEC chronic slagae         9 mg/l           NOEC chronic algae         9 mg/l           Complete Bio Care WP 0909         Not established.           Persistence and degradability         Not established.           citric acid	LC50 - Fish [1]	> 100 mg/l Fathead minnow, (P. promelas)
propan-2-ol; isopropyl alcohol; isopropanol (c7-63-0)           LCS0 - Fish [1]         9640 mg/l Fathead minnow (Pimephales promelas)           ECS0 72h - Algae [1]         >1000 mg/l (Desmodesmus subspicatus)           ECS0, daphnia, short term         9714 mg/l (24 Hours, (OECD 202 method))           ECS, microorganisms, Pseudomonas putida         1050 mg/l (16 Hours)           alcohols, C9-11, ethoxylated (68439-46-3)         LCS0 - Fish [1]           LCS0 - Fish [1]         1 - 10 mg/l           DIETHYL PHTHALATE (84-66-2)         LCS0 - Fish [2]           LCS0 - Fish [2]         29 mg/l Sheephead minnow           ECS0 - Crustacea [1]         90 mg/l           ECS0 - Crustacea [1]         90 mg/l           NCEC chronic fish         1.9 mg/l           NCEC chronic rustacea         43 mg/l           NCEC chronic crustacea         43 mg/l           NCEC chronic algae         9 mg/l           Persistence and degradability         Not established.           Complete Bio Care WP 0909         Readily biodegradable.           Persistence and degradability         Readily biodegradable.           propan-2-ol; isopropyl alcohol; isopropanol (7-63-0)         Persistence and degradability           Persistence and degradability         Readily biodegradable.	EC50 - Other aquatic organisms [1]	> 50 mg/l (Zebra mussel D. polymorpha)
LCS0 - Fish [1]9640 mg/l Fathead minnow (Pimephales promelas)ECS0 72h - Algae [1]> 1000 mg/l (Desmodesmus subspicatus)ECS0 72h - Algae [1]9714 mg/l (24 Hours, (OECD 202 method))ECS0, daphnia, short term1050 mg/l (16 Hours)atochols, C9-11, ethoxylated (68439-46-3)1050 mg/l (16 Hours)LCS0 - Fish [1]1 - 10 mg/lDETHYL PHTHALATE (84-66-2)2 mg/l Rainbow troutLCS0 - Fish [2]2 mg/l Rainbow troutLCS0 - Fish [2]2 mg/l Sheephead minnowECS0 - Crustacea [1]9 mg/lCS0 - Crustacea [1]9 mg/lNCEC chronic risha1.9 mg/lNCEC chronic risha9 mg/lNCEC chronic ristacea43 mg/lNCEC chronic ristacea9 mg/lComplete Bio Caree WP 0909mg/lPersistence and degradabilityNot established.ctrict acid (77-92-9)Readly biodegradable.propan-2-01; Isopropyl alcohol; Isopropande: V-S3-00Sangladable.propan-2-16; Isopropyl alcohol; Isopropande: V-S3-00Sangladable.atochols, C9-11, ethoxylated (68439-46-3)Readly biodegradable.	NOEC chronic algae	425 mg/l (Algae S. quadricauda)
EC50 72h - Algae [1]       > 1000 mg/l (Desmodesmus subspicatus)         EC50, daphnia, short term       9714 mg/l (24 Hours, (OECD 202 method))         EC5, microorganisms, Pseudomonas putida       1050 mg/l (16 Hours)         alcohols, C9-11, ethoxylated (68439-46-3)       1 = 10 mg/l         DIETHYL PHTHALATE (84-66-2)       1 = 10 mg/l         DIC50 - Fish [1]       1 = 10 mg/l         DIC50 - Fish [2]       29 mg/l Rainbow trout         LC50 - Crustacea [1]       90 mg/l         EC50 72h - Algae [1]       90 mg/l         NC5C otronic fish       1,9 mg/l         NC5C chronic fish       1,9 mg/l         NC5C chronic rustacea       43 mg/l         NC5C chronic dagae       9 mg/l         Persistence and degradability       Not established.         Complete Bio Care WP 0909       Not established.         Persistence and degradability       Not established.         Persistence and degradability       Not established.         Propan-2-01; Isopropyl alcoho1; Isopropan       F-63-0         Propan-2-01; Isopropyl alcoho1; Isopropan       F-63-0         Parsistence and degradability       Readily biodegradable.         propan-2-01; Isopropyl alcoho1; Isopropan       F-63-0         Parsistence and degradability       Readily biodegradable.    <	propan-2-ol; isopropyl alcohol; isopropanol (6	37-63-0)
ECS0. daphnia. short term       9714 mg/l (24 Hours, (OECD 202 method)))         ECS0. microorganisms. Pseudomonas putida       1050 mg/l (16 Hours)         alcohols, C9-11, ethoxylated (68439-46-3)       1 – 10 mg/l         LC50 - Fish [1]       1 – 10 mg/l         DIETHYL PHTHALATE (84-66-2)       29 mg/l Sheephead minnow         LC50 - Fish [2]       29 mg/l Sheephead minnow         EC50 - Crustacea [1]       90 mg/l         EC50 - Crustacea [1]       90 mg/l         NCEC chronic fish       1.9 mg/l         NCEC chronic riustacea       31 mg/l         NCEC chronic riustacea       9 mg/l         NCEC chronic algae       9 mg/l         Persistence and degradability       Not established.         Complete Bio Caro WP 0909       Not established.         Persistence and degradability       Not established.         etric acid (77-92-9)       Readily biodegradable.         Propan-2-0; isopropyl alcohol; isopropanol C-FC3-D       Persistence and degradability         Persistence and degradability       Readily biodegradable.         propan-2-0; isopropyl alcohol; isopropanol C-FC3-D       Persistence and degradability         Persistence and degradability       Readily biodegradable.	LC50 - Fish [1]	9640 mg/l Fathead minnow (Pimephales promelas)
EC5, microorganisms, Pseudomonas putida       1o50 mg/l (16 Hours)         alcohols, C9-11, ethoxylated (68439-46-3)         LC50 - Fish [1]       1 – 10 mg/l         DIETHYL PHTHALATE (84-66-2)         LC50 - Fish [1]       2 mg/l Rainbow trout         LC50 - Fish [2]       29 mg/l Sheephead minnow         EC50 - Crustacea [1]       90 mg/l         EC50 - Crustacea [1]       90 mg/l         NCEC chronic fish       1.9 mg/l         NCEC chronic rustacea       43 mg/l         NCEC chronic rustacea       43 mg/l         NCEC chronic algae       9 mg/l         Presistence and degradability       Not established.         Complete Bio Care WP 0909       Not established.         Presistence and degradability       Not established.         citric acid (77-92-9)       Readily biodegradable.         Propan-2-0; isoopropyl alcohof; isoopropant       F-3-0.         Persistence and degradability       Readily biodegradable.         Propan-2-0; isoopropyl alcohof; isoopropant       F-3-0.         Persistence and degradability       Readily biodegradable.	EC50 72h - Algae [1]	> 1000 mg/l (Desmodesmus subspicatus)
alcohols, C9-11, ethoxylated (68439-46-3) LC50 - Fish [1] 1 – 10 mg/l DIETHYL PHTHALATE (84-66-2) LC50 - Fish [2] 2 mg/l Rainbow trout LC50 - Fish [2] 2 9 mg/l Sheephead minnow EC50 - Crustacea [1] 90 mg/l EC50 - Crustacea [1] 90 mg/l EC50 - Crustacea [1] 45 mg/l NOEC chronic fish 1.9 mg/l NOEC chronic rustacea 43 mg/l NOEC chronic algae 9 mg/l ROEC chro	EC50, daphnia, short term	9714 mg/l (24 Hours, (OECD 202 method))
LC50 - Fish [1]       1 – 10 mg/l         DIETHYL PHTHALATE (84-66-2)         LC50 - Fish [1]       1 2 mg/l Rainbow trout         LC50 - Fish [2]       29 mg/l Sheephead minnow         EC50 - Crustacea [1]       90 mg/l         EC50 - Crustacea [1]       90 mg/l         EC50 7 Chystacea [1]       90 mg/l         NOEC chronic fish       1.9 mg/l         NOEC chronic fish       1.9 mg/l         NOEC chronic rustacea       43 mg/l         NOEC chronic algae       9 mg/l         NOEC chronic algae       9 mg/l         Complete Bio Care WP 0909       Not established.         Persistence and degradability       Not established.         ctric acid (77-92-9)       Readily biodegradable.         Persistence and degradability       Readily biodegradable.         propan-2-cl; isopropyl alcohol; isopropant (-S-G-U)       Persistence and degradability         Persistence and degradability       Readily biodegradable.	EC5, microorganisms, Pseudomonas putida	1050 mg/l (16 Hours)
DIETHYL PHTHALATE (84-66-2)           LC50 - Fish [1]         12 mg/l Rainbow trout           LC50 - Fish [2]         29 mg/l Sheephead minnow           EC50 - Crustacea [1]         90 mg/l           EC50 - Crustacea [1]         45 mg/l           NCEC chronic fish         1.9 mg/l           NOEC chronic fish         1.9 mg/l           NOEC chronic algae         9 mg/l           NOEC chronic algae         9 mg/l           NCEC chronic algae         9 mg/l           Statement and degradability         9 mg/l           Complete Bio Care WP 0909           Persistence and degradability         Not established.           Complete Gio Care WP 0909           Persistence and degradability         Readily biodegradable.           Propan-2-ol; isopropyl alcohol; isopropanol (-5-63-0)           Persistence and degradability         Readily biodegradable.           propan-2-ol; isopropyl alcohol; isopropanol (-5-63-0)         Readily biodegradable.	alcohols, C9-11, ethoxylated (68439-46-3)	
LC50 - Fish [1]       12 mg/l Rainbow trout         LC50 - Fish [2]       29 mg/l Sheephead minnow         EC50 - Crustacea [1]       90 mg/l         EC50 72h - Algae [1]       45 mg/l         NOEC chronic fish       1.9 mg/l         NOEC chronic fish       1.9 mg/l         NOEC chronic drustacea       9 mg/l         NOEC chronic algae       9 mg/l         DCC chronic algae       Not established.         Complete Bio Care WP 0909       Not established.         Persistence and degradability       Not established.         Citric acid (77-92-9)       Readily biodegradable.         Propan-2-01; isopropyl alcohol; isopropanot	LC50 - Fish [1]	1 – 10 mg/l
LC50 - Fish [2]29 mg/l Sheephead minnowEC50 - Crustacea [1]90 mg/lEC50 72h - Algae [1]45 mg/lNOEC chronic fish1.9 mg/lNOEC chronic crustacea43 mg/lNOEC chronic algae9 mg/lOther statement and degradabilityComplete Bio Care WP 0909Persistence and degradabilityNot established.ctric acid (77-92-9)Persistence and degradabilityReadily biodegradable.propan-2-o1; isopropyl alcoho1; isopropanol (-5-63-0)Persistence and degradabilityReadily biodegradable.Persistence and degradabilityReadily biodegradable.Propan-2-o1; isopropyl alcoho1; isopropanol (-5-63-0)Persistence and degradabilityReadily biodegradable.Persistence and degradabilityReadily biodegradable.	DIETHYL PHTHALATE (84-66-2)	
EC50 - Crustacea [1]       90 mg/l         EC50 72h - Algae [1]       45 mg/l         NOEC chronic fish       1.9 mg/l         NOEC chronic rustacea       43 mg/l         NOEC chronic rustacea       9 mg/l         NOEC chronic algae       9 mg/l         DEC chronic algae       9 mg/l         Complete Bio Care WP 0909       9 mg/l         Persistence and degradability       Not established.         citric acid (77-92-9)       Not established.         Persistence and degradability       Readily biodegradable.         propan-2-ol; isopropyl alcohol; isopropanol (>-t-s3-ol)       Persistence and degradability         Persistence and degradability       Readily biodegradable.         alcohols, C9-11, ethoxylated (68439-46-3)       Image: Complete Complet	LC50 - Fish [1]	12 mg/l Rainbow trout
EC50 72h - Algae [1]       45 mg/l         NOEC chronic fish       1.9 mg/l         NOEC chronic crustacea       43 mg/l         NOEC chronic algae       9 mg/l         Complete Bio Care WP 0909         Persistence and degradability       Not established.         citric acid (77-92-9)         Persistence and degradability       Readily biodegradable.         propan-2-ol; isopropyl alcohol; isopropanol (	LC50 - Fish [2]	29 mg/l Sheephead minnow
NOEC chronic fish       1.9 mg/l         NOEC chronic crustacea       43 mg/l         NOEC chronic algae       9 mg/l         Image: I	EC50 - Crustacea [1]	90 mg/l
NOEC chronic crustacea       43 mg/l         NOEC chronic algae       9 mg/l         It is proper to the stability         Complete Bio Care WP 0909         Persistence and degradability         Not established.         Complete Bio Care WP 0909         Persistence and degradability         Not established.         Complete Bio Care WP 0909         Persistence and degradability         Not established.         Citric acid (77-92-9)         Persistence and degradability         Readily biodegradable.         Persistence and degradability         Readily biodegradable.         Persistence and degradability         Persistence and degradability         Readily biodegradable.         Persistence and degradability         Readily biodegradable. </td <td>EC50 72h - Algae [1]</td> <td>45 mg/l</td>	EC50 72h - Algae [1]	45 mg/l
NOEC chronic algae       9 mg/l         12.2. Persistence and degradability       1         Complete Bio Care WP 0909       Vot established.         Persistence and degradability       Not established.         citric acid (77-92-9)       Readily biodegradable.         Persistence and degradability       Readily biodegradable.         propan-2-ol; isopropyl alcohol; isopropanol (>-63-0)       Readily biodegradable.         Persistence and degradability       Readily biodegradable.	NOEC chronic fish	1.9 mg/l
12.2. Persistence and degradability         Complete Bio Care WP 0909         Persistence and degradability         Not established.         citric acid (77-92-9)         Persistence and degradability         Readily biodegradable.         propan-2-ol; isopropyl alcohol; isopropanol (57-63-0)         Persistence and degradability         Readily biodegradable.         alcohols, C9-11, ethoxylated (68439-46-3)	NOEC chronic crustacea	43 mg/l
Complete Bio Care WP 0909         Persistence and degradability       Not established.         citric acid (77-92-9)         Persistence and degradability       Readily biodegradable.         propan-2-ol; isopropyl alcohol; isopropanol (>-63-0)         Persistence and degradability       Readily biodegradable.         alcohols, C9-11, ethoxylated (68439-46-3)	NOEC chronic algae	9 mg/l
Persistence and degradability       Not established.         citric acid (77-92-9)       Eadily biodegradable.         Persistence and degradability       Readily biodegradable.         propan-2-ol; isopropyl alcohol; isopropanol (-63-0)       Readily biodegradable.         Persistence and degradability       Readily biodegradable.         Persistence and degradability       Readily biodegradable.	12.2. Persistence and degradability	
citric acid (77-92-9)         Persistence and degradability       Readily biodegradable.         propan-2-ol; isopropyl alcohol; isopropanol (7-63-0)         Persistence and degradability       Readily biodegradable.         alcohols, C9-11, ethoxylated (68439-46-3)	Complete Bio Care WP 0909	
Persistence and degradability     Readily biodegradable.       propan-2-ol; isopropyl alcohol; isopropanol (>-63-0)       Persistence and degradability     Readily biodegradable.       alcohols, C9-11, ethoxylated (68439-46-3)	Persistence and degradability	Not established.
propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)       Persistence and degradability     Readily biodegradable.       alcohols, C9-11, ethoxylated (68439-46-3)	citric acid (77-92-9)	
Persistence and degradability     Readily biodegradable.       alcohols, C9-11, ethoxylated (68439-46-3)	Persistence and degradability	Readily biodegradable.
alcohols, C9-11, ethoxylated (68439-46-3)	propan-2-ol; isopropyl alcohol; isopropanol (6	37-63-0)
	Persistence and degradability	Readily biodegradable.
Persistence and degradability Readily biodegradable.	alcohols, C9-11, ethoxylated (68439-46-3)	·
	Persistence and degradability	Readily biodegradable.

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12.3. Bioaccumulative potential		
Complete Bio Care WP 0909		
Bioaccumulative potential	Not established.	
citric acid (77-92-9)		
Partition coefficient n-octanol/water (Log Kow)	-1.81.6	
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).	
propan-2-ol; isopropyl alcohol; isopropanol (	67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05	
Bioaccumulative potential	No bioaccumulation.	
alcohols, C9-11, ethoxylated (68439-46-3)		
Bioaccumulative potential	Bioaccumulation unlikely.	
12.4. Mobility in soil		
propan-2-ol; isopropyl alcohol; isopropanol (	67-63-0)	
Surface tension	22.7 mN/m	
Ecology - soil	Very mobile. Soluble material/quickly disperses in water.	
12.5. Results of PBT and vPvB assessment		
Component		
citric acid (77-92-9)	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; isopropyl alcohol; isopropanol (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	
alcohols, C9-11, ethoxylated (68439-46-3)	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	
12.6. Other adverse effects		
Additional information :	Avoid release to the environment.	
citric acid (77-92-9)		

Dissociation constant pKa = 3.13, 4.76 and 6.4 at 25°C		
	Dissociation constant	pKa = 3.13, 4.76 and 6.4 at 25°C

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods Product/Packaging disposal recommendations Ecology - waste materials	<ul> <li>Dispose of contents/container in accordance with licensed collector's sorting instructions.</li> <li>Dispose in a safe manner in accordance with local/national regulations.</li> <li>Avoid release to the environment.</li> </ul>

# SECTION 14: Transport information

In accordance with ADR / IME	DG / IATA / ADN / RID			
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number	·			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.2. UN proper shippin	g name			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard o	lass(es)			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				·
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental haz	ards			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary informatio	n available			<u> </u>

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. Transport in bulk according to Annex II of Marpol and the 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

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 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

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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

Abbreviations and acronyms:		
CAS-No.	Chemical Abstract Service number	
EC-No.	European Community number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
EC50	Median effective concentration	
LC50	Median lethal concentration	
LD50	Median lethal dose	
NOEC	No-Observed Effect Concentration	
РВТ	Persistent Bioaccumulative Toxic	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	

Data sources

 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
 None.

Other information

## Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
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
Flam. Sol. 2	Flammable solids, Category 2
H225	Highly flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H371	May cause damage to organs.
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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Full text of H- and EUH-statements:		
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	

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.