

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: CRS

Other means of identification:

**UFI:** P300-P0FW-D002-GWQ1

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

Relevant uses: Paints and varnishes. For professional users only.

Uses advised against: All uses not specified in this section or in section 7.3

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

Spray One Europe GmbH

Im Ginselt 5

D-66709 Weiskirchen - Germany Phone: Tel.: +49 (0)162 20 500 97

msds@spray-one.com

**1.4 Emergency telephone number:** +49 (0)551-19240 (Giftinformationszentrum-Nord)

#### SECTION 2: HAZARDS IDENTIFICATION \*\*

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

#### CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Asp. Tox. 1: Aspiration hazard, Category 1, H304

Eye Dam. 1: Serious eye damage, Category 1, H318

Flam. Liq. 3: Flammable liquids, Category 3, H226

Skin Irrit. 2: Skin irritation, Category 2, H315

Skin Sens. 1A: Sensitisation, skin, Category 1A, H317

STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2 (Oral), H373

STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

#### 2.2 Label elements:

### CLP Regulation (EC) No 1272/2008:

#### Dangei









#### Hazard statements:

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

### **Precautionary statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing.
P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

#### **Supplementary information:**

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 2: HAZARDS IDENTIFICATION \*\* (continued)

Contains Fatty acids, C14-18 and C16-18-unsatd., maleated, maleic anhydride.

### Substances that contribute to the classification

N-butyl acetate; Xylene; 2-methoxy-1-methylethyl acetate; 2-methylpropan-1-ol

**UFI:** P300-P0FW-D002-GWQ1

**Additional labeling:** 

V.O.C. 2004/42/WE IIB(e) (840) 780

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to meet the criteria.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

#### 3.1 Substance:

Non-applicable

#### 3.2 Mixture:

Chemical description: Mixture composed of chemical products

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

	Identification		Chemical name/Classification	Concentration
	123-86-4 204-658-1	N-butyl acetate(1)	ATP CLP00	
Index: REACH:			Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	15 - <70 %
	78-83-1	2-methylpropan-1-o	ATP CLP00	
Index: REACH:	201-148-0 603-108-00-1 01-2119484609-23- XXXX	Regulation 1272/2008	Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336 - Danger	20 - <50 %
	108-65-6 203-603-9	2-methoxy-1-methyl	ethyl acetate <sup>(1)</sup> Self-classified	
Index: REACH:	203-03-9 ex: 607-195-00-7 ICH: 01-2119475791-29- XXXX Regulation 1272/2008 Flam. Liq. 3: H226; STOT SE 3: H336 - Warning		Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	2,5 - <10 %
	71-36-3 200-751-6	butan-1-ol(1) Self-classified		
Index: REACH:	200-751-6 603-004-00-6 01-2119484630-38- XXXX	Regulation 1272/2008	Acute Tox. 4: H302; Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336 - Danger	2,5 - <10 %
	1330-20-7	Xylene <sup>(1)</sup>	Self-classified	
EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-32- XXXX		Regulation 1272/2008	Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	<9 %
	100-41-4	Ethylbenzene(2)	ATP ATP06	
EC: 202-849-4 Index: 601-023-00-4 REACH: 01-2119489370-35- XXXX		Regulation 1272/2008	Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger	<3 %
	100-41-4	Ethylbenzene(1)	Self-classified Self-classified	
Index: REACH:	202-849-4 601-023-00-4 01-2119489370-35- XXXX	Regulation 1272/2008	Acute Tox. 4: H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger	1 - <2,5 %

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>\*\*</sup> Changes with regards to the previous version

<sup>(2)</sup> Substance with a Union workplace exposure limit

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\* (continued)

	Identification		Chemical name/Classification	Concentration
CAS:	112-07-2	2-butoxyethyl acetate(1) ATP CLP00		
	203-933-3 607-038-00-2 01-2119475112-47- XXXX	Regulation 1272/2008	Acute Tox. 4: H312+H332 - Warning	1 - <2,5 %
CAS: EC:	85711-46-2	Fatty acids, C14-18 a	and C16-18-unsatd., maleated(1) Self-classified	
Index:	288-306-2 Non-applicable : 01-2119976378-19- XXXX		Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	<1 %
CAS: EC:	80-62-6 201-297-1	Methyl methacrylate	ATP CLP00	
Index:	607-035-00-6 01-2119452498-28- XXXX	Regulation 1272/2008	n 1272/2008 Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Danger	
CAS: EC:	107-98-2	1-methoxy-2-propanol <sup>(2)</sup> ATP ATP01		
Index:	203-539-1 603-064-00-3 01-2119457435-35- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	<1 %
CAS:	50-00-0	Formaldehyde (2)	ATP ATP06	
	200-001-8 605-001-00-5 01-2119488953-20- XXXX	Regulation 1272/2008	Acute Tox. 3: H301+H311+H331; Carc. 1B: H350; Muta. 2: H341; Skin Corr. 1B: H314; Skin Sens. 1: H317 - Danger	<1 %
CAS:	108-31-6	maleic anhydride(1)	ATP ATP13	
	203-571-6 607-096-00-9 01-2119472428-31- XXXX	Regulation 1272/2008	Acute Tox. 4: H302; Eye Dam. 1: H318; Resp. Sens. 1: H334; Skin Corr. 1B: H314; Skin Sens. 1A: H317; STOT RE 1: H372; EUH071 - Danger	<1 %
CAS:	121-44-8	triethylamine <sup>(2)</sup>	Self-classified Self-classified	
	204-469-4 612-004-00-5 01-2119475467-26- XXXX	Regulation 1272/2008	Acute Tox. 3: H311+H331; Acute Tox. 4: H302; Eye Dam. 1: H318; Flam. Liq. 2: H225; Skin Corr. 1A: H314; STOT SE 3: H335 - Danger	<1 %

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

### Other information:

Identification	Specific concentration limit
CAS: 50-00-0 EC: 200-001-8	% (w/w) >=25: Skin Corr. 1B - H314 5<= % (w/w) <25: Skin Irrit. 2 - H315 % (w/w) >=25: Eye Dam. 1 - H318 5<= % (w/w) <25: Eye Irrit. 2 - H319 % (w/w) >=0,2: Skin Sens. 1 - H317 % (w/w) >=5: STOT SE 3 - H335
maleic anhydride CAS: 108-31-6 EC: 203-571-6	% (w/w) >=0,001: Skin Sens. 1A - H317
triethylamine CAS: 121-44-8 EC: 204-469-4	% (w/w) >=1: STOT SE 3 - H335

<sup>\*\*</sup> Changes with regards to the previous version

### **SECTION 4: FIRST AID MEASURES**

### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

#### By skin contact:

<sup>(2)</sup> Substance with a Union workplace exposure limit



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 4: FIRST AID MEASURES (continued)

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

#### By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

#### By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

#### **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1 Extinguishing media:

#### Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2).

#### Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

#### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### **Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

### **6.2** Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

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



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

A.- Technical measures for storage

Minimum Temp.: 15 °C

Maximum Temp.: 25 °C

Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

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

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Oc	Occupational exposure limits		
N-butyl acetate	IOELV (8h)	50 ppm	241 mg/m <sup>3</sup>	
CAS: 123-86-4	IOELV (STEL)	150 ppm	723 mg/m <sup>3</sup>	
Xylene	IOELV (8h)	50 ppm	221 mg/m <sup>3</sup>	
CAS: 1330-20-7 EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m <sup>3</sup>	
2-methoxy-1-methylethyl acetate	IOELV (8h)	50 ppm	275 mg/m <sup>3</sup>	
CAS: 108-65-6	IOELV (STEL)	100 ppm	550 mg/m <sup>3</sup>	
Ethylbenzene	IOELV (8h)	100 ppm	442 mg/m <sup>3</sup>	



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification			Occupational exposure limits		
CAS: 100-41-4 EC: 202-849-4		IOELV (STEL)	200 ppm	884 mg/m <sup>3</sup>	
2-butoxyethyl acetate		IOELV (8h)	20 ppm	133 mg/m <sup>3</sup>	
CAS: 112-07-2 EC: 203-933-3		IOELV (STEL)	50 ppm	333 mg/m <sup>3</sup>	
Ethylbenzene		IOELV (8h)	100 ppm	442 mg/m <sup>3</sup>	
CAS: 100-41-4 EC: 202-849-4		IOELV (STEL)	200 ppm	884 mg/m <sup>3</sup>	
Methyl methacrylate		IOELV (8h)	50 ppm		
CAS: 80-62-6 EC: 201-297-1		IOELV (STEL)	100 ppm		
1-methoxy-2-propanol		IOELV (8h)	100 ppm	375 mg/m <sup>3</sup>	
CAS: 107-98-2 EC: 203-539-1		IOELV (STEL)	150 ppm	568 mg/m <sup>3</sup>	
Formaldehyde		IOELV (8h)	0,3 ppm	0,37 mg/m <sup>3</sup>	
CAS: 50-00-0 EC: 200-001-8		IOELV (STEL)	0,6 ppm	0,74 mg/m <sup>3</sup>	
triethylamine		IOELV (8h)	2 ppm	8,4 mg/m <sup>3</sup>	
CAS: 121-44-8 EC: 204-469-4		IOELV (STEL)	3 ppm	12,6 mg/m <sup>3</sup>	

### **DNEL (Workers):**

		Short	Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local	
N-butyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 123-86-4	Dermal	11 mg/kg	Non-applicable	11 mg/kg	Non-applicable	
EC: 204-658-1	Inhalation	600 mg/m <sup>3</sup>	600 mg/m <sup>3</sup>	300 mg/m <sup>3</sup>	300 mg/m <sup>3</sup>	
Xylene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable	
EC: 215-535-7	Inhalation	442 mg/m <sup>3</sup>	442 mg/m <sup>3</sup>	221 mg/m <sup>3</sup>	221 mg/m <sup>3</sup>	
2-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	796 mg/kg	Non-applicable	
EC: 203-603-9	Inhalation	Non-applicable	550 mg/m <sup>3</sup>	275 mg/m <sup>3</sup>	Non-applicable	
2-methylpropan-1-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 78-83-1	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
EC: 201-148-0	Inhalation	Non-applicable	Non-applicable	Non-applicable	310 mg/m <sup>3</sup>	
butan-1-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 71-36-3	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
EC: 200-751-6	Inhalation	Non-applicable	Non-applicable	Non-applicable	310 mg/m <sup>3</sup>	
Ethylbenzene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	180 mg/kg	Non-applicable	
EC: 202-849-4	Inhalation	Non-applicable	293 mg/m <sup>3</sup>	77 mg/m³	Non-applicable	
2-butoxyethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 112-07-2	Dermal	120 mg/kg	Non-applicable	169 mg/kg	Non-applicable	
EC: 203-933-3	Inhalation	Non-applicable	333 mg/m <sup>3</sup>	133 mg/m <sup>3</sup>	Non-applicable	
Ethylbenzene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	180 mg/kg	Non-applicable	
EC: 202-849-4	Inhalation	Non-applicable	293 mg/m <sup>3</sup>	77 mg/m <sup>3</sup>	Non-applicable	
Fatty acids, C14-18 and C16-18-unsatd., maleated	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 85711-46-2	Dermal	Non-applicable	Non-applicable	3 mg/kg	Non-applicable	
EC: 288-306-2	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
Methyl methacrylate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 80-62-6	Dermal	Non-applicable	Non-applicable	13,67 mg/kg	Non-applicable	
EC: 201-297-1	Inhalation	Non-applicable	416 mg/m <sup>3</sup>	348,4 mg/m <sup>3</sup>	208 mg/m <sup>3</sup>	
1-methoxy-2-propanol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 107-98-2	Dermal	Non-applicable	Non-applicable	183 mg/kg	Non-applicable	
EC: 203-539-1	Inhalation	553,5 mg/m <sup>3</sup>	553,5 mg/m <sup>3</sup>	369 mg/m <sup>3</sup>	Non-applicable	



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Formaldehyde	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 50-00-0	Dermal	Non-applicable	Non-applicable	240 mg/kg	Non-applicable
EC: 200-001-8	Inhalation	Non-applicable	0,75 mg/m <sup>3</sup>	9 mg/m <sup>3</sup>	0,375 mg/m <sup>3</sup>
maleic anhydride	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-31-6	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 203-571-6	Inhalation	0,2 mg/m <sup>3</sup>	0,2 mg/m <sup>3</sup>	0,081 mg/m <sup>3</sup>	0,081 mg/m <sup>3</sup>
triethylamine	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 121-44-8	Dermal	Non-applicable	Non-applicable	12,1 mg/kg	Non-applicable
EC: 204-469-4	Inhalation	12,6 mg/m <sup>3</sup>	12,6 mg/m <sup>3</sup>	8,4 mg/m <sup>3</sup>	8,4 mg/m <sup>3</sup>

### **DNEL (General population):**

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
N-butyl acetate	Oral	2 mg/kg	Non-applicable	2 mg/kg	Non-applicable
CAS: 123-86-4	Dermal	6 mg/kg	Non-applicable	6 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	300 mg/m <sup>3</sup>	300 mg/m <sup>3</sup>	35,7 mg/m <sup>3</sup>	35,7 mg/m <sup>3</sup>
Xylene	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	260 mg/m <sup>3</sup>	260 mg/m <sup>3</sup>	65,3 mg/m <sup>3</sup>	65,3 mg/m <sup>3</sup>
2-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	36 mg/kg	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	320 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	Non-applicable	33 mg/m <sup>3</sup>	33 mg/m <sup>3</sup>
2-methylpropan-1-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 78-83-1	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 201-148-0	Inhalation	Non-applicable	Non-applicable	Non-applicable	55 mg/m <sup>3</sup>
butan-1-ol	Oral	Non-applicable	Non-applicable	1,562 mg/kg	Non-applicable
CAS: 71-36-3	Dermal	Non-applicable	Non-applicable	3,125 mg/kg	Non-applicable
EC: 200-751-6	Inhalation	Non-applicable	Non-applicable	55,357 mg/m <sup>3</sup>	155 mg/m <sup>3</sup>
Ethylbenzene	Oral	Non-applicable	Non-applicable	1,6 mg/kg	Non-applicable
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 202-849-4	Inhalation	Non-applicable	Non-applicable	15 mg/m <sup>3</sup>	Non-applicable
2-butoxyethyl acetate	Oral	36 mg/kg	Non-applicable	8,6 mg/kg	Non-applicable
CAS: 112-07-2	Dermal	72 mg/kg	Non-applicable	102 mg/kg	Non-applicable
EC: 203-933-3	Inhalation	Non-applicable	200 mg/m <sup>3</sup>	80 mg/m <sup>3</sup>	Non-applicable
Ethylbenzene	Oral	Non-applicable	Non-applicable	1,6 mg/kg	Non-applicable
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 202-849-4	Inhalation	Non-applicable	Non-applicable	15 mg/m <sup>3</sup>	Non-applicable
Fatty acids, C14-18 and C16-18-unsatd., maleated	Oral	Non-applicable	Non-applicable	1,5 mg/kg	Non-applicable
CAS: 85711-46-2	Dermal	Non-applicable	Non-applicable	1,5 mg/kg	Non-applicable
EC: 288-306-2	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Methyl methacrylate	Oral	Non-applicable	Non-applicable	8,2 mg/kg	Non-applicable
CAS: 80-62-6	Dermal	Non-applicable	Non-applicable	8,2 mg/kg	Non-applicable
EC: 201-297-1	Inhalation	Non-applicable	208 mg/m <sup>3</sup>	74,3 mg/m <sup>3</sup>	104 mg/m <sup>3</sup>
1-methoxy-2-propanol	Oral	Non-applicable	Non-applicable	33 mg/kg	Non-applicable
CAS: 107-98-2	Dermal	Non-applicable	Non-applicable	78 mg/kg	Non-applicable
EC: 203-539-1	Inhalation	Non-applicable	Non-applicable	43,9 mg/m <sup>3</sup>	Non-applicable
Formaldehyde	Oral	Non-applicable	Non-applicable	4,1 mg/kg	Non-applicable
CAS: 50-00-0	Dermal	Non-applicable	Non-applicable	102 mg/kg	Non-applicable
EC: 200-001-8	Inhalation	Non-applicable	Non-applicable	3,2 mg/m <sup>3</sup>	0,1 mg/m <sup>3</sup>

### PNEC:



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued) Identification 0,18 mg/L N-butyl acetate STP 35,6 mg/L Fresh water 0,018 mg/L CAS: 123-86-4 Marine water Soil 0,09 mg/kg EC: 204-658-1 Sediment (Fresh water) 0,981 mg/kg Intermittent 0,36 mg/L Sediment (Marine water) Oral Non-applicable 0,098 mg/kg STP 6,58 mg/L Fresh water 0,327 mg/L Xvlene Soil Marine water CAS: 1330-20-7 2,31 mg/kg 0,327 mg/L Sediment (Fresh water) EC: 215-535-7 Intermittent 0,327 mg/L 12,46 mg/kg Oral Non-applicable Sediment (Marine water) 12,46 mg/kg 2-methoxy-1-methylethyl acetate STP 100 mg/L Fresh water 0,635 mg/L Soil 0,29 mg/kg Marine water 0,064 mg/L CAS: 108-65-6 Intermittent 6,35 mg/L FC: 203-603-9 Sediment (Fresh water) 3,29 mg/kg Oral Non-applicable Sediment (Marine water) 0,329 mg/kg 2-methylpropan-1-ol STP 10 mg/L Fresh water 0,4 mg/L Soil 0,076 mg/kg 0,04 mg/L CAS: 78-83-1 Marine water EC: 201-148-0 Intermittent Sediment (Fresh water) 11 mg/L 1,56 mg/kg Oral Non-applicable Sediment (Marine water) 0,156 mg/kg STP 2476 mg/L Fresh water 0,082 mg/L butan-1-ol Soil Marine water CAS: 71-36-3 0,017 mg/kg 0,008 mg/L Sediment (Fresh water) EC: 200-751-6 Intermittent 2,25 mg/L 0,324 mg/kg Ora Non-applicable Sediment (Marine water) 0,032 mg/kg STP 9,6 mg/L Fresh water 0,1 mg/L Ethylbenzene Soil Marine water CAS: 100-41-4 2,68 mg/kg 0,01 mg/L Intermittent 0,1 mg/L FC: 202-849-4 Sediment (Fresh water) 13,7 mg/kg Sediment (Marine water) Oral 0,02 g/kg 1,37 mg/kg 90 mg/L 2-butoxyethyl acetate STP Fresh water 0,304 mg/L 0,03 mg/L CAS: 112-07-2 Soil 0,415 mg/kg Marine water EC: 203-933-3 Intermittent 0,56 mg/L Sediment (Fresh water) 2,03 mg/kg Oral 0,06 g/kg Sediment (Marine water) 0,203 mg/kg STP 9,6 mg/L Fresh water 0,1 mg/L Ethylbenzene Soil 2,68 mg/kg Marine water 0,01 mg/L CAS: 100-41-4 Intermittent 0,1 mg/L Sediment (Fresh water) 13,7 mg/kg EC: 202-849-4 Oral 0,02 g/kg Sediment (Marine water) 1,37 mg/kg Fatty acids, C14-18 and C16-18-unsatd., maleated STP Non-applicable Non-applicable Fresh water Non-applicable CAS: 85711-46-2 Soil Marine water Non-applicable Non-applicable EC: 288-306-2 Intermittent Non-applicable Sediment (Fresh water) 0,067 g/kg Oral Non-applicable Sediment (Marine water) Methyl methacrylate STP 10 mg/L Fresh water 0,94 mg/L Soil 1,48 mg/kg Marine water 0,094 mg/L CAS: 80-62-6 Intermittent 0,94 mg/L Sediment (Fresh water) EC: 201-297-1 10,2 mg/kg Oral Non-applicable Sediment (Marine water) 0,102 mg/kg STP 100 mg/L Fresh water 10 mg/L 1-methoxy-2-propanol Soil Marine water 4,59 mg/kg 1 mg/L CAS: 107-98-2 Intermittent Sediment (Fresh water) EC: 203-539-1 100 mg/L 52,3 mg/kg Oral Non-applicable Sediment (Marine water) 5,2 mg/kg Formaldehyde STP 0,19 mg/L Fresh water 0,44 mg/L CAS: 50-00-0 Soil 0,2 mg/kg Marine water 0,44 mg/L Sediment (Fresh water) 2,3 mg/kg EC: 200-001-8 Intermittent 4,44 mg/L Oral Non-applicable Sediment (Marine water) 2,3 mg/kg STP 44,6 mg/L 0,038 mg/L maleic anhydride Fresh water 0,037 mg/kg 0,004 mg/L CAS: 108-31-6 Soil Marine water EC: 203-571-6 Intermittent 0,379 mg/L 0,296 mg/kg Sediment (Fresh water) Oral Non-applicable Sediment (Marine water) 0,03 mg/kg



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
triethylamine	STP	100 mg/L	Fresh water	0,11 mg/L
CAS: 121-44-8	Soil	0,25 mg/kg	Marine water	0,011 mg/L
EC: 204-469-4	Intermittent	0,08 mg/L	Sediment (Fresh water)	1,575 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,158 mg/kg

#### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours	CAT III	EN 405:2002+A1:2010	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

#### C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)	CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

### D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.	CATII	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

### E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Antistatic and fireproof protective clothing	CAT III	EN 1149-1:2006 EN 1149-2:1997 EN 1149-3:2004 EN 168:2002 EN ISO 14116:2015 EN 1149-5:2018	Limited protection against flames.
Mandatory foot protection	Safety footwear with antistatic and heat resistant properties	CAT III	EN ISO 13287:2020 EN ISO 20345:2011	Replace boots at any sign of deterioration.

### F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
<b>*</b>	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	<b>+</b>	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Emergency shower		Eyewash stations	

#### **Environmental exposure controls:**



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

**CRS** 

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance:

Physical state at 20 °C:

Appearance:

Colour:

Codour:

Characteristic

Odour threshold:

Non-applicable \*

Volatility:

Boiling point at atmospheric pressure: 128 °C Vapour pressure at 20 °C: 1272 Pa

Vapour pressure at 50 °C: 6140,07 Pa (6,14 kPa)
Evaporation rate at 20 °C: Non-applicable \*

**Product description:** 

Density at 20 °C: 904 - 1168 kg/m<sup>3</sup> 0,904 - 1,168 Relative density at 20 °C: Dynamic viscosity at 20 °C: Non-applicable \* Kinematic viscosity at 20 °C: Non-applicable \* Kinematic viscosity at 40 °C: <20,5 mm<sup>2</sup>/s Concentration: Non-applicable \* pH: Non-applicable \* Vapour density at 20 °C: Non-applicable \* Partition coefficient n-octanol/water 20 °C: Non-applicable \* Solubility in water at 20 °C: Non-applicable \* Solubility properties: Non-applicable \* Non-applicable \* Decomposition temperature: Melting point/freezing point: Non-applicable \*

Flammability:

Flash Point: 27 °C

Flammability (solid, gas): Non-applicable \*

Autoignition temperature: 215 °C

Lower flammability limit: Not available

Upper flammability limit: Not available

Particle characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Corrosive to metals: Non-applicable \*

\*Not relevant due to the nature of the product, not providing information property of its hazards.



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Heat of combustion: Non-applicable \*
Aerosols-total percentage (by mass) of flammable Non-applicable \*

components:

Other safety characteristics:

Surface tension at 20 °C:

Refraction index:

Non-applicable \*

Non-applicable \*

\*Not relevant due to the nature of the product, not providing information property of its hazards.

### SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

#### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

#### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION \*\*

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

#### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
  - Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract
- C- Contact with the skin and the eyes (acute effect):

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces serious eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.
  - IARC: Xylene (3); Ethylbenzene (2B); Ethylbenzene (2B); Methyl methacrylate (3); Hydrocarbons, C9, aromatics (3); Formaldehyde (1)
  - Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. For more information see section 3.
  - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
  - Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) single exposure:

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
  - Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- H- Aspiration hazard:

The consumption of a considerable dose can cause pulmonary damage.

#### Other information:

Non-applicable

#### Specific toxicology information on the substances:

Identification	Acu	te toxicity	Genus
N-butyl acetate	LD50 oral	12789 mg/kg	Rat
CAS: 123-86-4	LD50 dermal	14112 mg/kg	Rabbit
EC: 204-658-1	LC50 inhalation	23,4 mg/L (4 h)	Rat
Xylene	LD50 oral	2100 mg/kg	Rat
CAS: 1330-20-7	LD50 dermal	1100 mg/kg	Rat
EC: 215-535-7	LC50 inhalation	11 mg/L (ATEi)	
2-methylpropan-1-ol	LD50 oral	3350 mg/kg	Rat
CAS: 78-83-1	LD50 dermal	2460 mg/kg	Rabbit
EC: 201-148-0	LC50 inhalation	24,6 mg/L (4 h)	Rat
Ethylbenzene	LD50 oral	3500 mg/kg	Rat
CAS: 100-41-4	LD50 dermal	15354 mg/kg	Rabbit
EC: 202-849-4	LC50 inhalation	17,2 mg/L (4 h)	Rat
butan-1-ol	LD50 oral	500 mg/kg (ATEi)	
CAS: 71-36-3	LD50 dermal	3400 mg/kg	Rabbit
EC: 200-751-6	LC50 inhalation	24,66 mg/L (4 h)	Rat
2-butoxyethyl acetate	LD50 oral	2100 mg/kg	Rat
CAS: 112-07-2	LD50 dermal	1480 mg/kg	Rabbit
EC: 203-933-3	LC50 inhalation	11 mg/L (4 h)	Rat
2-methoxy-1-methylethyl acetate	LD50 oral	8532 mg/kg	Rat
CAS: 108-65-6	LD50 dermal	>5000 mg/kg	Rat
EC: 203-603-9	LC50 inhalation	30 mg/L (4 h)	Rat

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)

Identification		Ad	Genus	
Ethylbenzene		LD50 oral	3500 mg/kg	Rat
CAS: 100-41-4		LD50 dermal	15354 mg/kg	Rabbit
EC: 202-849-4		LC50 inhalation	17,2 mg/L (4 h)	Rat
Formaldehyde		LD50 oral	100 mg/kg	
CAS: 50-00-0		LD50 dermal	300 mg/kg	
EC: 200-001-8		LC50 inhalation	Non-applicable	
triethylamine		LD50 oral	730 mg/kg	Rat
CAS: 121-44-8		LD50 dermal	580 mg/kg	Rabbit
EC: 204-469-4		LC50 inhalation	Non-applicable	

#### 11.2 Information on other hazards:

#### **Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

### Other information

Non-applicable

### SECTION 12: ECOLOGICAL INFORMATION \*\*

The experimental information related to the eco-toxicological properties of the product itself is not available

#### 12.1 Toxicity:

#### **Acute toxicity:**

Identification		Concentration	Species	Genus
N-butyl acetate	LC50	Non-applicable		
CAS: 123-86-4	EC50	Non-applicable		
EC: 204-658-1	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
Xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 1330-20-7	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 215-535-7	EC50	>10 - 100 mg/L (72 h)		Algae
2-methoxy-1-methylethyl acetate	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
CAS: 108-65-6	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacean
EC: 203-603-9	EC50	Non-applicable		
2-methylpropan-1-ol	LC50	2030 mg/L (96 h)	Carassius auratus	Fish
CAS: 78-83-1	EC50	1439 mg/L (48 h)	Daphnia magna	Crustacean
EC: 201-148-0	EC50	1250 mg/L (48 h)	Scenedesmus subspicatus	Algae
butan-1-ol	LC50	1740 mg/L (96 h)	Pimephales promelas	Fish
CAS: 71-36-3	EC50	1983 mg/L (48 h)	Daphnia magna	Crustacean
EC: 200-751-6	EC50	500 mg/L (96 h)	Scenedesmus subspicatus	Algae
Ethylbenzene	LC50	42,3 mg/L (96 h)	Pimephales promelas	Fish
CAS: 100-41-4	EC50	75 mg/L (48 h)	Daphnia magna	Crustacean
EC: 202-849-4	EC50	63 mg/L (3 h)	Chlorella vulgaris	Algae
2-butoxyethyl acetate	LC50	80 mg/L (48 h)	Leuciscus idus	Fish
CAS: 112-07-2	EC50	37 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-933-3	EC50	500 mg/L (72 h)	Scenedesmus subspicatus	Algae
Ethylbenzene	LC50	42,3 mg/L (96 h)	Pimephales promelas	Fish
CAS: 100-41-4	EC50	75 mg/L (48 h)	Daphnia magna	Crustacean
EC: 202-849-4	EC50	63 mg/L (3 h)	Chlorella vulgaris	Algae
Methyl methacrylate	LC50	191 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 80-62-6	EC50	69 mg/L (48 h)	Daphnia magna	Crustacean
EC: 201-297-1	EC50	170 mg/L (96 h)	Selenastrum capricornutum	Algae

<sup>\*\*</sup> Changes with regards to the previous version

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

Identification		Concentration	Species	Genus
1-methoxy-2-propanol	LC50	20800 mg/L (96 h)	Pimephales promelas	Fish
CAS: 107-98-2	EC50	23300 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-539-1	EC50	1000 mg/L (168 h)	Selenastrum capricornutum	Algae
Formaldehyde	LC50	100 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 50-00-0	EC50	42 mg/L (24 h)	Daphnia magna	Crustacean
EC: 200-001-8	EC50	Non-applicable		
triethylamine	LC50	43,7 mg/L (96 h)	Pimephales promelas	Fish
CAS: 121- <del>44-</del> 8	EC50	200 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-469-4	EC50	Non-applicable		

### **Chronic toxicity:**

Identification		Concentration	Species	Genus
N-butyl acetate	NOEC	Non-applicable		
CAS: 123-86-4 EC: 204-658-1	NOEC	23,2 mg/L	Daphnia magna	Crustacean
Xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: 1330-20-7 EC: 215-535-7	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean
2-methoxy-1-methylethyl acetate	NOEC	47,5 mg/L	Oryzias latipes	Fish
CAS: 108-65-6 EC: 203-603-9	NOEC	100 mg/L	Daphnia magna	Crustacean
2-methylpropan-1-ol	NOEC	Non-applicable		
CAS: 78-83-1 EC: 201-148-0	NOEC	20 mg/L	Daphnia magna	Crustacean
butan-1-ol	NOEC	Non-applicable		
CAS: 71-36-3 EC: 200-751-6	NOEC	4,1 mg/L	Daphnia magna	Crustacean
Ethylbenzene	NOEC	Non-applicable		
CAS: 100-41-4 EC: 202-849-4	NOEC	0,96 mg/L	Ceriodaphnia dubia	Crustacean
Ethylbenzene	NOEC	Non-applicable		
CAS: 100-41-4 EC: 202-849-4	NOEC	0,96 mg/L	Ceriodaphnia dubia	Crustacean
Methyl methacrylate	NOEC	9,4 mg/L	Danio rerio	Fish
CAS: 80-62-6 EC: 201-297-1	NOEC	37 mg/L	Daphnia magna	Crustacean
Formaldehyde	NOEC	Non-applicable		
CAS: 50-00-0 EC: 200-001-8	NOEC	6,4 mg/L	Daphnia magna	Crustacean
triethylamine	NOEC	Non-applicable		
CAS: 121-44-8 EC: 204-469-4	NOEC	11 mg/L	Daphnia magna	Crustacean

### 12.2 Persistence and degradability:

### **Substance-specific information:**

Identification	De	egradability	Biode	egradability
N-butyl acetate	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 123-86-4	COD	Non-applicable	Period	5 days
EC: 204-658-1	BOD5/COD	Non-applicable	% Biodegradable	84 %
Xylene	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 1330-20-7	COD	Non-applicable	Period	28 days
EC: 215-535-7	BOD5/COD	Non-applicable	% Biodegradable	88 %
2-methoxy-1-methylethyl acetate	BOD5	Non-applicable	Concentration	785 mg/L
CAS: 108-65-6	COD	Non-applicable	Period	8 days
EC: 203-603-9	BOD5/COD	Non-applicable	% Biodegradable	100 %
2-methylpropan-1-ol	BOD5	0,4 g O2/g	Concentration	100 mg/L
CAS: 78-83-1	COD	2,41 g O2/g	Period	14 days
EC: 201-148-0	BOD5/COD	0,17	% Biodegradable	90 %
butan-1-ol	BOD5	1,71 g O2/g	Concentration	Non-applicable
CAS: 71-36-3	COD	2,46 g O2/g	Period	19 days
EC: 200-751-6	BOD5/COD	0,7	% Biodegradable	98 %

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

Identification	De	egradability	Biode	egradability
Ethylbenzene	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 100-41-4	COD	Non-applicable	Period	14 days
EC: 202-849-4	BOD5/COD	Non-applicable	% Biodegradable	90 %
2-butoxyethyl acetate	BOD5	Non-applicable	Concentration	30 mg/L
CAS: 112-07-2	COD	Non-applicable	Period	28 days
EC: 203-933-3	BOD5/COD	Non-applicable	% Biodegradable	77,3 %
Ethylbenzene	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 100-41-4	COD	Non-applicable	Period	14 days
EC: 202-849-4	BOD5/COD	Non-applicable	% Biodegradable	90 %
Methyl methacrylate	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 80-62-6	COD	Non-applicable	Period	14 days
EC: 201-297-1	BOD5/COD	Non-applicable	% Biodegradable	94,3 %
1-methoxy-2-propanol	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 107-98-2	COD	Non-applicable	Period	28 days
EC: 203-539-1	BOD5/COD	Non-applicable	% Biodegradable	90 %
Formaldehyde	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 50-00-0	COD	Non-applicable	Period	14 days
EC: 200-001-8	BOD5/COD	Non-applicable	% Biodegradable	92 %
triethylamine	BOD5	Non-applicable	Concentration	26 mg/L
CAS: 121-44-8	COD	Non-applicable	Period	28 days
EC: 204-469-4	BOD5/COD	Non-applicable	% Biodegradable	85 %

### 12.3 Bioaccumulative potential:

### **Substance-specific information:**

Identification	Bioaccur	nulation potential
N-butyl acetate	BCF	4
CAS: 123-86-4	Pow Log	1.78
EC: 204-658-1	Potential	Low
Xylene	BCF	9
CAS: 1330-20-7	Pow Log	2.77
EC: 215-535-7	Potential	Low
2-methoxy-1-methylethyl acetate	BCF	1
CAS: 108-65-6	Pow Log	0.43
EC: 203-603-9	Potential	Low
2-methylpropan-1-ol	BCF	3
AS: 78-83-1	Pow Log	0.76
EC: 201-148-0	Potential	Low
butan-1-ol	BCF	1
CAS: 71-36-3	Pow Log	0.88
EC: 200-751-6	Potential	Low
Ethylbenzene	BCF	1
CAS: 100-41-4	Pow Log	3.15
EC: 202-849-4	Potential	Low
2-butoxyethyl acetate	BCF	3
CAS: 112-07-2	Pow Log	1.51
EC: 203-933-3	Potential	Low
Ethylbenzene	BCF	1
CAS: 100-41-4	Pow Log	3.15
EC: 202-849-4	Potential	Low

<sup>\*\*</sup> Changes with regards to the previous version





This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

Identification		Bioaccumulation potential	
Methyl methacrylate		BCF	7
CAS: 80-62-6		Pow Log	1.38
EC: 201-297-1		Potential	Low
1-methoxy-2-propanol		BCF	3
		Pow Log	-0.44
		Potential	Low
Formaldehyde		BCF	3
CAS: 50-00-0		Pow Log	0.35
EC: 200-001-8		Potential	Low
triethylamine		BCF	5
CAS: 121-44-8		Pow Log	1.45
EC: 204-469-4		Potential	Low

### 12.4 Mobility in soil:

Identification	Absorp	Absorption/desorption		Volatility	
N-butyl acetate	Koc	Non-applicable	Henry	Non-applicable	
CAS: 123-86-4	Conclusion	Non-applicable	Dry soil	Non-applicable	
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Non-applicable	
Xylene	Кос	202	Henry	524,86 Pa·m³/mol	
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes	
EC: 215-535-7	Surface tension	Non-applicable	Moist soil	Yes	
2-methylpropan-1-ol	Koc	Non-applicable	Henry	Non-applicable	
CAS: 78-83-1	Conclusion	Non-applicable	Dry soil	Non-applicable	
EC: 201-148-0	Surface tension	2,378E-2 N/m (25 °C)	Moist soil	Non-applicable	
butan-1-ol	Koc	2.44	Henry	5,39E-2 Pa·m³/mol	
CAS: 71-36-3	Conclusion	Very High	Dry soil	Yes	
EC: 200-751-6	Surface tension	2,567E-2 N/m (25 °C)	Moist soil	Yes	
Ethylbenzene	Koc	520	Henry	798,44 Pa·m³/mol	
CAS: 100-41-4	Conclusion	Moderate	Dry soil	Yes	
EC: 202-849-4	Surface tension	2,859E-2 N/m (25 °C)	Moist soil	Yes	
2-butoxyethyl acetate	Кос	Non-applicable	Henry	5,532E-1 Pa·m³/mol	
CAS: 112-07-2	Conclusion	Non-applicable	Dry soil	No	
EC: 203-933-3	Surface tension	Non-applicable	Moist soil	Yes	
Ethylbenzene	Koc	520	Henry	798,44 Pa·m³/mol	
CAS: 100-41-4	Conclusion	Moderate	Dry soil	Yes	
EC: 202-849-4	Surface tension	2,859E-2 N/m (25 °C)	Moist soil	Yes	
Methyl methacrylate	Кос	Non-applicable	Henry	Non-applicable	
CAS: 80-62-6	Conclusion	Non-applicable	Dry soil	Non-applicable	
EC: 201-297-1	Surface tension	2,551E-2 N/m (25 °C)	Moist soil	Non-applicable	
Formaldehyde	Koc	Non-applicable	Henry	Non-applicable	
CAS: 50-00-0	Conclusion	Non-applicable	Dry soil	Non-applicable	
EC: 200-001-8	Surface tension	1,416E-2 N/m (25 °C)	Moist soil	Non-applicable	
maleic anhydride	Koc	Non-applicable	Henry	Non-applicable	
CAS: 108-31-6	Conclusion	Non-applicable	Dry soil	Non-applicable	
EC: 203-571-6	Surface tension	1,673E-2 N/m (250,21 °C)	Moist soil	Non-applicable	
triethylamine	Koc	145	Henry	Non-applicable	
CAS: 121-44-8	Conclusion	Very High	Dry soil	Non-applicable	
EC: 204-469-4	Surface tension	2,024E-2 N/m (25 °C)	Moist soil	Non-applicable	

### 12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

#### 12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

#### 12.7 Other adverse effects:

Not described

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances	Dangerous	

### Type of waste (Regulation (EU) No 1357/2014):

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP3 Flammable, HP4 Irritant — skin irritation and eye damage

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

#### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

### **SECTION 14: TRANSPORT INFORMATION**

#### Transport of dangerous goods by land:

With regard to ADR 2021 and RID 2021:



14.1 UN number or ID number: UN1263
14.2 UN proper shipping name: PAINT
14.3 Transport hazard class(es): 3
Labels: 3

14.4 Packing group: III
14.5 Environmental hazards: No

14.6 Special precautions for user

Special regulations: 163, 367, 650

Tunnel restriction code: D/E

Physico-Chemical properties: see section 9

Limited quantities: 5 L

14.7 Maritime transport in bulk

according to IMO

instruments:

Non-applicable

#### Transport of dangerous goods by sea:

With regard to IMDG 40-20:

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number or ID number: UN1263
14.2 UN proper shipping name: PAINT
14.3 Transport hazard class(es): 3
Labels: 3

14.4 Packing group: III
14.5 Marine pollutant: No
14.6 Special precautions for user

Special regulations: 223, 955, 163, 367

EmS Codes: F-E, S-E Physico-Chemical properties: see section 9

Limited quantities: 5 L

Segregation group: Non-applicable

14.7 Maritime transport in bulk according to IMO

Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2022:



14.1UN number or ID number:UN126314.2UN proper shipping name:PAINT14.3Transport hazard class(es):3Labels:314.4Packing group:III

14.4 Packing group: III

14.5 Environmental hazards: No

14.6 Special precautions for user

Physico-Chemical properties:

14.7 Maritime transport in bulk

according to IMO instruments:

instruments:

see section 9 Non-applicable

### **SECTION 15: REGULATORY INFORMATION**

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Formaldehyde (Product-type 2, 3, 22)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

### Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5000	50000

# Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used in:

- —ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- -tricks and jokes,
- —games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 15: REGULATORY INFORMATION (continued)

#### Other legislation:

The product could be affected by sectorial legislation

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

### SECTION 16: OTHER INFORMATION \*\*

#### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

#### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

· New declared substances

maleic anhydride (108-31-6)

Formaldehyde (50-00-0)

2-butoxyethyl acetate (112-07-2)

1-methoxy-2-propanol (107-98-2)

Methyl methacrylate (80-62-6)

butan-1-ol (71-36-3)

Ethylbenzene (100-41-4)

triethylamine (121-44-8)

Fatty acids, C14-18 and C16-18-unsatd., maleated (85711-46-2)

2-methoxy-1-methylethyl acetate (108-65-6)

· Removed substances

butan-1-ol (71-36-3)

Substances that contribute to the classification (SECTION 2):

· New declared substances

butan-1-ol (71-36-3)

· Removed substances

butan-1-ol (71-36-3)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- · Pictograms
- · Hazard statements
- · Supplementary information

### Texts of the legislative phrases mentioned in section 2:

- H336: May cause drowsiness or dizziness.
- H335: May cause respiratory irritation.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H373: May cause damage to organs through prolonged or repeated exposure (Oral).
- H317: May cause an allergic skin reaction.
- H304: May be fatal if swallowed and enters airways.
- H226: Flammable liquid and vapour.

### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### CLP Regulation (EC) No 1272/2008:

<sup>\*\*</sup> Changes with regards to the previous version



This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CRS**

Date of compilation: 25/04/2019 Revised: 19/11/2021 Version: 2 (Replaced 1)

### SECTION 16: OTHER INFORMATION \*\* (continued)

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.

Acute Tox. 3: H311+H331 - Toxic in contact with skin or if inhaled.

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Carc. 1B: H350 - May cause cancer.

Eye Dam. 1: H318 - Causes serious eye damage. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Muta. 2: H341 - Suspected of causing genetic defects.

Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction. Skin Sens. 1A: H317 - May cause an allergic skin reaction.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation). STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Inhalation).

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

STOT SE 3: H335 - May cause respiratory irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

#### Classification procedure:

STOT SE 3: Calculation method STOT SE 3: Calculation method Skin Irrit. 2: Calculation method Eye Dam. 1: Calculation method

STOT RE 2: Calculation method Skin Sens. 1A: Calculation method Asp. Tox. 1: Calculation method

Flam. Liq. 3: Calculation method (2.6.4.3)

### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

#### Principal bibliographical sources:

http://echa.europa.eu http://eur-lex.europa.eu

#### **Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

<sup>\*\*</sup> Changes with regards to the previous version