Bauder LiquiDETAIL (Winter)

safety data sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Revision date: 23.02.2026 Supersedes : 08.12.2025

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

1.1 Product identifier

Trade Name: Bauder LiquiDETAIL (Winter)

Article Number: GB81002040

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

Relevant identified uses: Professional uses

Recommended restrictions: Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Supplier:

Bauder Ltd
70 Landseer Road
Ipswich
Suffolk
IP3 0DH
Tel: +44 (0) 1473 257671
Email: info@bauder.co.uk

1.4 Emergency telephone number

NPIS (National Poisons Information Service): 0344 892 0111 (for medical professionals only).

For medical advice, members of the public should contact NHS 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008: Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335

2.2 Label elements

Hazard pictogram

GHS02

GHS07

Signal word	Danger
Hazardous component(s) to be indicated on label	methyl methacrylate , 2-ethylhexyl acrylate , 2,2'-[(4-methylphenyl)imino]bisethanol , Fatty acids, C18-unsatd., dimers reaction products with N,N-di-methyl-1,3-propanediamine and 1,3-propanediamine
H-statement(s)	H225: Highly flammable liquid and vapour. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H335: May cause respiratory irritation.
P-statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P312: Call a POISON CENTER/doctor if you feel unwell. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse.
Further information	EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

Substances of very high concern (SVHC)	This substance/mixture does not contain substances listed on the current "Candidate List of Substances of Very High Concern (SVHCs)" in concentrations of 0.1% or more.
Appendix VIII - Persistent, Bioaccumulative and Toxic	This substance/mixture does not contain substances in concentrations of 0.1% or more that are classified as persistent, bioaccumulative and toxic (PBT).
Annex VIII - very persistent and very bioaccumulative	This substance/mixture does not contain substances in concentrations of 0.1% or more that are classified as very persistent and very bioaccumulative (vPvB).
Delegated Regulation - endocrine disrupting or endocrine disrupting properties	This substance/mixture does not contain substances in concentrations of 0.1% or more that are included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 due to endocrine-disrupting properties, or that have endocrine-disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.
Article 59(1) - endocrine disrupting properties	This substance/mixture does not contain substances in concentrations of 0.1% or more that are included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 due to endocrine-disrupting properties, or that have endocrine-disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

No information available

3.2 Mixtures

Other data — This mixture contains = 1% titanium dioxide (CAS 13463-67-7) The Annex VI classification of Titanium dioxide does not apply to this mixture according to its Note 10

Hazardous ingredients

Ingredient	Numbers	Classification (EC) 1272/2008	Concentration
methyl methacrylate	CAS No.: 80-62-6 EC-No.: 201-297-1 Index-No.: 607-035-00-6 REACH No.: 01-2119452498-28-XXXX	Flam. Liq. 2; H225 STOT SE 3; H335 Skin Irrit. 2; H315 Skin Sens. 1; H317	15.0 - 20.0 % by weight
2-ethylhexyl acrylate	CAS No.: 103-11-7 EC-No.: 203-080-7 Index-No.: 607-107-00-7 REACH No.: 01-2119453158-37-XXXX	Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Chronic 3; H412	10.0 - 15.0 % by weight
aliphatic urethanacrylate		Skin Irrit. 2; H315 Eye Irrit. 2; H319	5.0 - 10.0 % by weight
2,2'-[(4-methylphenyl)imi-no]bisethanol	CAS No.: 3077-12-1 EC-No.: 221-359-1 REACH No.: 01-2120791684-40-XXXX	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 3; H412	0.1 - 1.0 % by weight
Fatty acids, C18-unsatd., dimers reaction products with N,N-di-methyl-1,3-propanediamine and 1,3-propanediamine	CAS No.: 162627-17-0 EC-No.: 605-296-0 REACH No.: 01-2119970640-38-XXXX	Skin Sens. 1A; H317	0.1 - 1.0 % by weight
1,1`-(p-Tolylimino)dipropan-2-ol	CAS No.: 38668-48-3 EC-No.: 254-075-1 REACH No.: 01-2119980937-17-XXXX	Acute Tox. 2; H300 Eye Irrit. 2; H319 Aquatic Chronic 3; H412	0.1 - 1.0 % by weight

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice — Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance.

If inhaled — Move to fresh air. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

In case of skin contact — Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, get medical advice/attention.

In case of eye contact — In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed — Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO2), Foam, Water spray, Dry powder
Extinguishing media which must not be used for safety reasons	High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	Violent polymerisation may be caused by: Extremes of temperature and direct sunlight. Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Exposure to decomposition products may be a hazard to health.

5.3. Advice for firefighters

Special protective equipment for firefighting	In the event of fire, wear self-contained breathing apparatus.
Additional information on firefighting	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from firefighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Vapours are heavier than air and may spread along floors. Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly. Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections — Disposal considerations See also section 13

6.5 Additional information

Other information — Treat recovered material as described in the section "Disposal considerations".

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling — Processing may lead to evolution of flammable volatiles. In case of insufficient ventilation, wear suitable respiratory equipment. Keep product and empty container away from heat and sources of ignition.
Handle and open container with care. Avoid contact with skin and eyes.

Precautions — Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Observe label precautions.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements — Store in accordance with the particular national regulations. Keep in a cool, well-ventilated place.
Keep in properly labelled containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

TRGS 510 — 3

Recommended storage temperature — Keep in a dry, cool place.

Advice on protection against fire and explosion — Take precautionary measures against static discharge. Vapours may form explosive mixture with air. Use water spray to cool unopened containers.

7.3 Specific end use(s)

No information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

methyl methacrylate

Great Britain				
Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
50	208	100	416	EH40/2005 Workplace exposure limits (2011)

Europe			
Long-term exposure value/ppm	Short-term exposure value/ppm	Issuing date	Source
50	100	2009/161	DIRECTIVE 2009/161/EU

DNEL	Target group	Exposure route	Exposure frequency	Source
210 mg/m³	Workers	Inhalation	Long term effects Local	Company data
210 mg/m³	Workers	Inhalation	Long term effects systemic	Company data
1,5 mg/cm²	Workers	Skin	Long term effects Local	Company data
13,67 mg/kg	Workers	Skin	Long term effects systemic	Company data
105 mg/m³	Consumers	Inhalation	Long term effects Local	Company data
74,3 mg/m³	Consumers	Inhalation	Long term effects, systemic	Company data
1,5 mg/cm²	Consumers	Skin	Long term effects Local	Company data
8,2 mg/kg	Consumers	Skin	Long term effects systemic	Company data
1,5 mg/cm²	Consumers	Skin	Short-term effects Local	Company data

PNEC	Exposure route	Source
0,94 mg/l	freshwater	Company data
0,094 mg/l	marine water	Company data
5,74 mg/kg	sediment	Company data
1,47 mg/kg	Soil	Company data

2-ethylhexyl acrylate

DNEL	Target group	Exposure route	Exposure frequency	Source
37,5 mg/m³	Workers	Inhalation	Long term effects Local	Company data
0,242 mg/cm²	Workers	Skin	Long term effects Local	Company data
0,242 mg/cm²	Workers	Skin	Short-term effects Local	Company data
4,5 mg/m³	Consumers	Inhalation	Long term effects Local	Company data

PNEC	Exposure route	Source
0,002752 mg/l	fresh water	Company data
0,000272 mg/l	seawater	Company data
2,3 mg/l	wastewater treatment plant	Company data
0,126 mg/kg	sediment Water	Company data
0,126 mg/kg	sediment seawater	Company data
1,0 mg/kg	Soil	Company data
0,0023 mg/kg	Intermittent release.	Company data

2,2'-[(4-methylphenyl)imino]bisethanol

DNEL	Target group	Exposure route	Exposure frequency	Source
0,47 mg/kg	Workers	dermal exposure	Long term effects systemic	Company data

PNEC	Exposure Route	Source
0,003 mg/l	seawater	Company data
0,121 mg/kg	freshwater sediment	Company data
0,026 mg/l	freshwater	Company data
0,012 mg/kg	marine sediment	Company data
10 mg/l	Waste water treatment	Company data
0,009 mg/kg	soil	Company data

1,1`-(p-Tolylimino)dipropan-2-ol

DNEL	Target group	Exposure route	Exposure frequency	Source
2 mg/m³	Workers	Inhalation	Long term effects	Company data
0,6 mg/kg	Workers	Skin	Long term effects	Company data

PNEC	Exposure route	Source
199,5 mg/l	Waste water treatment	Company data
0,0072 mg/kg	marine water	Company data
0,017 mg/l	freshwater	Company data

8.2 Exposure controls

Respiratory protection	Vapour during processing may be irritating to the respiratory tract and to the eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Remarks	Recommended Filter type: A1, A2 (in case of higher concentration) Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).
Hand protection	Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Unsuitable material	woven fabric, Leather gloves
Suitable material	Nitriles
Material thickness	0,38 mm
Break through time	<25 min
Eye protection	Tightly fitting safety goggles
Skin and body protection	Wear suitable protective equipment. Long sleeved clothing
General protective and hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.
Engineering measures	Ensure adequate ventilation, especially in confined areas. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic physical and chemical properties

Physical state	Liquid
Colour	grey
Odour	smell of Methylmethacrylate
Odour threshold	For the product of this parameter is not applicable.
Melting point [°C] / Freezing point [°C]	-48 °C
Pressure	1013,25 hPa

Remarks	methyl methacrylate
Boiling point [°C]	>100 °C
Pressure	1013,25 hPa
Flammability	Flammable
Explosion limits [Vol-%]	The product itself has not been tested.
	methyl methacrylate
Lower limit	1,7 vol. %
Upper limit	12,5 vol. %
	2-ethylhexyl acrylate
Lower limit	0,9 vol. %
Upper limit	6,4 vol. %
Flash point [°C]	10 °C
Measuring method	DIN 51755
Note	methyl methacrylate
Ignition temperature [°C]	430 °C
Measuring method	DIN 51794
Note	methyl methacrylate
Decomposition temperature [°C]	no data available
pH	For the product of this parameter is not applicable.
Remarks	substance/mixture is non-soluble (in water)
Viscosity, kinematic [mm²/s]	30 cm²/s
Temperature [°C]	20 °C
Measuring method	Calculated
Viscosity, dynamic [kg/(m s)]	4.000 mPa*s
Temperature [°C]	20 °C
Measuring method	Haake-Viscotester
Water solubility [g/l]	Insoluble
Temperature [°C]	20 °C
Pressure	1013,25 hPa
Partition coefficient n-octanol /water (log P O/W)	not determined
Vapour pressure [kPa]	37 hPa
Temperature [°C]	20 °C
Note	methyl methacrylate
Density [g/cm³]	1,33 g/cm³
Pressure	1013,25 hPa
Temperature [°C]	20 °C
Measuring method	Pycnometer
Vapour density	not determined
Relative vapour density (air=1)	For the product of this parameter is not applicable.

9.2 Other information

9.2.2 Other safety-related parameters

Evaporation rate [kg/(s m²)]	not determined
Explosive properties	In use, may form flammable/explosive vapour-air mixture.
Form	Liquid
Viscosity, dynamic [kg/(m s)]	4.000 mPa*s
Temperature [°C]	20 °C
Measuring method	Haake-Viscotester

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity — No decomposition if stored and applied as directed.

10.2 Chemical stability

Chemical stability — The product is stable under the usual processing conditions

10.3 Possibility of hazardous reactions

Hazardous reactions — The product is normally supplied in a stabilized form. If the permissible storage period and/or storage temperature is noticeably exceeded, the product may polymerize with heat evolution. Risk of receptacle bursting.

10.4 Conditions to avoid

Conditions to avoid — Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Materials to avoid — Reacts violently with peroxides. Reducing agents, Strong bases, Amines, Oxidizing agents

10.6 Hazardous decomposition products

No information available

SECTION 11:TOXICOLOGICAL INFORMATION

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

Oral toxicity [mg/kg]
Hazardous ingredients

methyl methacrylate				
Value	Test criterion	Test species	Measuring method	Source
>5001 mg/kg	LD50	rat	OECD Test Guideline 401	Company data

2-ethylhexyl acrylate			
Value	Test criterion	Test species	Source
4435 mg/kg	LD50	rat	Company data

aliphatic urethanacrylate			
Value	Test criterion	Test species	Source
>2001 mg/kg	LD50	rat	Company data

2,2'-[(4-methylphenyl)imino]bisethanol			
Value	Test criterion	Test species	Source
959 mg/kg	LD50	rat	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine				
Value	Test criterion	Test species	Measuring method	Source
>10000 mg/kg	LD50	rat	OECD Test Guideline 401	Company data

1,1`-(p-Tolylimino)dipropan-2-ol				
Value	Test criterion	Test species	Measuring method	Source
26 mg/kg	LD50	rat	OECD Test Guideline 423	Company data

Dermal toxicity [mg/kg]
Hazardous ingredients

methyl methacrylate			
Value	Test criterion	Test species	Source
>5001 mg/kg	LD50	rabbit	Company data

2-ethylhexyl acrylate			
Value	Test criterion	Test species	Source
7522 mg/kg	LD50	rabbit	Company data

2,2'-[(4-methylphenyl)imino]bisethanol			
Value	Test species	Measuring method	Source
>2001 mg/kg	rat	OECD Test Guideline 402	Company data

1,1`-(p-Tolylimino)dipropan-2-ol			
Value	Test criterion	Test species	Source
2001 mg/kg	LD50	rat	Company data

Inhalative toxicity [mg/l]
Hazardous ingredients

2-ethylhexyl acrylate			
Value	Test species	Exposure duration [h]	Source
1,19 mg/l	rat	8 hours	Company data

LC50 Inhalation 4h for vapours [mg/l]
Hazardous ingredients

methyl methacrylate			
Value	Test criterion	Test species	Source
29,8 mg/l	LC50	rat	Company data

Irritant effect on skin
Hazardous ingredients

methyl methacrylate		
Value	Test species	Source
irritating	rabbit	Company data

2-ethylhexyl acrylate			
Value	Test species	Exposure duration [h]	Source
Skin irritation	rabbit	4 h	Company data

aliphatic urethanacrylate	
Value	Source
May cause skin irritation.	Company data

2,2'-[(4-methylphenyl)imino]bisethanol		
Value	Test species	Source
No skin irritation	rabbit	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine			
Value	Measuring method	Test species	Source
No skin irritation	OECD Test Guideline 404	rabbit	Company data

1,1`-(p-Tolylimino)dipropan-2-ol	
Value	Source
No skin irritation	Company data

Irritant effect on eyes
Hazardous ingredients

methyl methacrylate		
Value	Test species	Source
Irritant	rabbit	Company data

2-ethylhexyl acrylate			
Value	Measuring method	Test species	Source
slightly irritating	OECD Test Guideline 405	rabbit	Company data

aliphatic urethanacrylate	
Value	Source
Causes serious eye irritation.	Company data

2,2'-[(4-methylphenyl)imino]bisethanol	
Value	Source
Risk of serious damage to eyes.	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine			
Value	Measuring method	Test species	Source
No eye irritation	OECD Test Guideline 405	rabbit	Company data

1,1`-(p-Tolylimino)dipropan-2-ol	
Value	Source
Irritant	Company data

Sensitization
Hazardous ingredients

methyl methacrylate		
Value	Test species	Source
Skin sensitization	mouse	Company data

2-ethylhexyl acrylate	
Value	Source
Skin sensitization	Company data

2,2'-[(4-methylphenyl)imino]bisethanol	
Value	Source
No known effect.	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine		
Value	Measuring method	Source
Skin sensitizer	OECD 429	Company data

1,1`-(p-Tolylimino)dipropan-2-ol	
Value	Source
No sensitization responses were observed.	Company data

Mutagenicity
Hazardous ingredients

methyl methacrylate	
Value	Source
not mutagenic	Company data

2-ethylhexyl acrylate	
Value	Source
No known effect.	Company data

2,2'-[(4-methylphenyl)imino]bisethanol				
Value	Measuring method	Test species	Remarks	Source
negative	Ames test	Bacteria	In vitro methods	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine		
Value	Measuring method	Source
negative	Ames test OECD 471	Company data

1,1`-(p-Tolylimino)dipropan-2-ol	
Value	Source
negative	Company data

Carcinogenic effects
Hazardous ingredients

methyl methacrylate		
Value	Test species	Source
not a carcinogen	rat, mouse	Company data

2-ethylhexyl acrylate	
Value	Source
No known effect.	Company data

Reproduction toxicity
Hazardous ingredients

methyl methacrylate	
Value	Source
not toxic to reproduction	Company data

2-ethylhexyl acrylate	
Value	Source
No known effect.	Company data

Specific target organ toxicity (single exposure) [mg/kg]
Hazardous ingredients

methyl methacrylate	
Value	Source
Causes respiratory tract irritation.	Company data

2-ethylhexyl acrylate	
Value	Source
Causes respiratory tract irritation.	Company data

Specific target organ toxicity (repeated exposure) [mg/kg]
Hazardous ingredients

methyl methacrylate	
Value	Source
No known effect.	Company data

2-ethylhexyl acrylate	
Value	Source
No known effect.	Company data

11.2 Toxicity

Endocrine disrupting properties: This substance/mixture does not contain substances in concentrations of 0.1% or more that are included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 due to endocrine-disrupting properties, or that have endocrine-disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

Experience in practice: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritating to eyes, respiratory system and skin. Irritating to mucous membranes

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish [mg/l]
Hazardous ingredients

methyl methacrylate					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Source
191 mg/l	LC50	Oncorhynchus mykiss (rainbow trout)	OECD Test Guideline 203	96 h	Company data

2-ethylhexyl acrylate					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Source

1,81 mg/l	LC50	Oncorhynchus mykiss (rainbow trout)	OECD Test Guideline 203	96 h	Company data

2,2'-[(4-methylphenyl)imino]bisethanol					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Source
101 mg/l	LC50	Brachydanio rerio (zebra fish)	OECD Test Guideline 203	96 h	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine				
Value	Test criterion	Test species	Measuring method	Source
>150 mg/l	LC50	Leuciscus idus (Golden orfe)	DIN 38412	Company data

1,1`-(p-Tolylimino)dipropan-2-ol				
Value	Test criterion	Test species	Exposure duration [h]	Source
17 mg/l	LC50	Brachydanio rerio (zebra fish)	96 h	Company data

Toxicity to daphnia [mg/l]
Hazardous ingredients

methyl methacrylate					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
69 mg/l	EC50	Daphnia magna (Water flea)	48 h	OECD Test Guideline 202	Company data

2-ethylhexyl acrylate					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
1,3 mg/l	EC50	Daphnia magna (Water flea)	48 h	OECD Test Guideline 202	Company data

aliphatic urethanacrylate			
Value	Test criterion	Test species	Source
>100 mg/l	LC50	Daphnia magna (Water flea)	Company data

2,2'-[(4-methylphenyl)imino]bisethanol					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
48 mg/l	EC50	Daphnia magna (Water flea)	48 h	OECD Test Guideline 202	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
>101 mg/l	EC50	Daphnia magna (Water flea)	48 h	OECD Test Guideline 202	Company data

1,1`-(p-Tolylimino)dipropan-2-ol				
Value	Test criterion	Test species	Exposure duration [h]	Source
28,8 mg/l	EC50	Daphnia magna (Water flea)	18 h	Company data

Toxicity to algae [mg/l]
Hazardous ingredients

methyl methacrylate					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
>110 mg/l	EC50	Selenastrum capricornutum (green algae)	72 h	OECD Test Guideline 201	Company data

2-ethylhexyl acrylate					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
1,71 mg/l	ErC50	Desmodesmus subspicatus	72 h	OECD Test Guideline 201	Company data

2,2'-[(4-methylphenyl)imino]bisethanol					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
>101 mg/l	ErC50	Pseudokirch-neriella subcapitata	72 h	OECD Test Guideline 201	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine					
Value	Test criterion	Test species	Exposure duration [h]	Measuring method	Source
>101 mg/l	ErC50	Pseudokirch-neriella subcapitata	72 h	OECD Test Guideline 201	Company data

1,1`-(p-Tolylimino)dipropan-2-ol				
Value	Test criterion	Test species	Exposure duration [h]	Source
245 mg/l	EC50	Desmodesmus subspicatus	27 h	Company data

NOEC (fish) [mg/l]
Hazardous ingredients

methyl methacrylate			
Value	Test species	Measuring method	Source
9,4 mg/l	Brachydanio rerio (zebra fish)	OECD Test Guideline 210	Company data

NOEC (daphnia) [mg/l]
Hazardous ingredients

methyl methacrylate			
Value	Test species	Measuring method	Source
37 mg/l	Daphnia magna (Water flea)	OECD Test Guideline 202	Company data

NOEC (algae) [mg/l]
Hazardous ingredients

2-ethylhexyl acrylate			
Value	Test species	Measuring method	Source
0,45 mg/l	Desmodesmus subspicatus	OECD Test Guideline 201	Company data

12.2 Persistence and degradability

Biodegradability
Hazardous ingredients

methyl methacrylate		
Value	Method of analysis	Source
Readily biodegradable.	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	Company data

2-ethylhexyl acrylate	
Value	Source
Readily biodegradable.	Company data

2,2'-[(4-methylphenyl)imino]bisethanol	
Value	Source
Not readily biodegradable.	Company data

Fatty acids, C18-unsatd., dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine		
Value	Measuring method	Source
Not readily biodegradable.	OECD 301	Company data

1,1`-(p-Tolylimino)dipropan-2-ol	
Value	Source
Poorly biodegradable.	Company data

12.3 Bioaccumulative potential

Bioaccumulation
Hazardous ingredients

methyl methacrylate	
Value	Source
Does not bioaccumulate.	Company data

2-ethylhexyl acrylate	
Value	Source
Bioaccumulation slight, log Pow 4,64	Company data

1,1`-(p-Tolylimino)dipropan-2-ol	
Value	Source
no data available	Company data

12.4 Mobility in soil

Distribution in the environment — No data available

Mobility
Hazardous ingredients

methyl methacrylate	
Mobility	Source
Terrestrial Compartment Not relevant	Company data

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment — This substance/mixture does not contain any substances classified as persistent, bioaccumulative and toxic (PBT) and/or very persistent and very bioaccumulative (vPvB) in amounts of 0.1% or higher.

12.6 Endocrine disrupting properties

Harmful effects on the environment — This substance/mixture does not contain substances in concentrations of 0.1% or more that are included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 due to endocrine-disrupting properties, or that have endocrine-disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

12.7 Other adverse effects

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal considerations — According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code — 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

Uncleaned empty packaging — The return of packaging materials is regulated by the Interseroh system.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
UN-No.	1263	1263	1263

14.2 UN proper shipping name

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
Description of the goods	PAINT	PAINT	PAINT

14.3 Transport hazard class(es)

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
Transport hazard class(es)	3	3	3

14.4 Packing group

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
Packaging group	III	III	III
Labels	3 	3 	3 
Risk No.	33		
Category	3		
Factor	1		
Classification Code	F1		
Tunnel restriction code	E		
EmS		F-E;_S-E	
Stowage category		A	
UN proper shipping name	UN 1263 PAINT	UN 1263 PAINT	UN 1263 Paint

14.5 Environmental hazards

No information available

14.6 Special precautions for user

No information available

14.7 Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code — Not relevant

SECTION 15: REGULATORY INFORMATION

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

Additional regulations — Additionally, observe any national regulations!

Classification in compliance with the Industrial Safety Regulation — highly flammable

GISCODE — RMA10

MAL-Code — 4-5

15.2 Chemical safety assessment

No information available

SECTION 16: OTHER INFORMATION

Modifications since last version	Modifications of the previous version are denoted with an asterisk (*).
Relevant H-phrases	H225: Highly flammable liquid and vapour. H300: Fatal if swallowed. H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H412: Harmful to aquatic life with long lasting effects. EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Wording of the hazard classes	Flam. Liq.: Flammable liquid STOT SE: Specific target organ toxicity - single exposure Skin Irrit.: Skin irritation Skin Sens.: Skin sensitization Aquatic Chronic: Hazardous to the aquatic environment Eye Irrit.: Serious eye irritation Acute Tox.: Acute toxicity Eye Dam.: Serious eye damage

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP

Classification	Evaluation
Flam. Liq. 2; H225	Calculated
Skin Irrit. 2; H315	Calculated
Skin Sens. 1; H317	Calculated
STOT SE 3; H335	Calculated

Department issuing safety data sheet	Environmental Department
Recommended restrictions	Reserved for industrial and professional use.

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.

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Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.