

Trade name: SCANDIQUICK B

Current version : 4.0.1, issued: 01.11.2022

Replaced version: 4.0.0, issued: 16.07.2019

Region: GB

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

1.1 Product identifier

Trade name

SCANDIQUICK B

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

Relevant identified uses of the substance or mixture

Hardener

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

SCAN-DIA GmbH
Luetkenheider Strasse 11
58099 Hagen
Germany

Telephone no. +49 (0) -2331-62469-0
Fax no. +49 (0) -2331-62469-29
e-mail info@scan-dia.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Irrit. 2; H319
Flam. Liq. 2; H225
Skin Irrit. 2; H315
Skin Sens. 1; H317
STOT SE 3; H335

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07

Signal word

Danger

Hazardous component(s) to be indicated on label:

benzyl-methacrylate

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methyl-methacrylate
ethylene dimethacrylate**Hazard statement(s)**

H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

Hazard statements (EU)

EUH208 Contains 2-(2H-benzotriazol-2-yl)-p-cresol. May produce an allergic reaction.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P280 Wear protective gloves/protective clothing/eye protection.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	benzyl-methacrylate		
	2495-37-6 219-674-4 - 01-2119960155-39	Eye Irrit. 2; H319 Skin Irrit. 2; H315 STOT SE 3; H335 Skin Sens. 1B; H317	>= 25.00 - < 50.00 wt%
2	methyl-methacrylate		
	80-62-6 201-297-1 607-035-00-6 01-2119452498-28	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	>= 25.00 - < 50.00 wt%
3	ethylene dimethacrylate		
	97-90-5 202-617-2 607-114-00-5 01-2119965172-38	Skin Sens. 1; H317 STOT SE 3; H335	< 5.00 wt%
4	2,2'-[(4-methylphenyl)imino]bisethanol		
	3077-12-1 221-359-1 - -	Acute Tox. 4; H302 Acute Tox. 4; H312 Eye Dam. 1; H318 Aquatic Chronic 3; H412	< 2.50 wt%
5	2-methylpropenoic acid, methacrylic acid		
	79-41-4 201-204-4 607-088-00-5 01-2119463884-26	Acute Tox. 4; H302 Acute Tox. 3; H311 Acute Tox. 4; H332 Eye Dam. 1; H318 Skin Corr. 1A; H314 STOT SE 3; H335	< 2.50 wt%
6	2-(2H-benzotriazol-2-yl)-p-cresol		

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2440-22-4 219-470-5 - -	Aquatic Chronic 4; H413 Skin Sens. 1; H317	< 0.50	wt%
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Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	STOT SE 3; H335: C \geq 10%	-	-
2	D	-	-	-
5	D	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
5	1320 mg/kg bodyweight	500 mg/kg bodyweight	

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when sickness symptoms persist, seek medical attention. Remove contaminated clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with copious amounts of water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Call a doctor immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Headache; reddening of the skin; Methaemoglobinaemia; liver damage

4.3 Indication of any immediate medical attention and special treatment needed

In case of changes in skin color, bluish fingernails or lips (cyanosis), administer oxygen.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder; Foam; Carbon dioxide

Unsuitable extinguishing media

Water

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; Nitrogen oxides (NOx)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Cool endangered containers with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid contact with skin, eyes and clothing. Use breathing apparatus if exposed to vapours/dust/aerosol.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g., general-purpose binder). Flush away residues with water. When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

Provide good ventilation at the work area (local exhaust ventilation, if necessary). Take precautionary measures against electrostatic loading. Avoid eye, skin and clothing contact.

General protective and hygiene measures

Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs. Do not eat or drink during work - no smoking. Provide eye wash fountain in work area. Avoid product contact with skin, eyes and clothing; Remove soiled or soaked clothing immediately. Do not inhale vapours.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Protect from heat and direct sunlight. Risk of polymerisation. Fill tank to only 80% of capacity; oxygen (air) is needed for stabilisation. In case of large storage tanks, provide for sufficient oxygen (air) supply to ensure stability. Keep container tightly closed in a cool, well-ventilated place, open and handle carefully.

Recommended storage temperature

Value max. 30 °C

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Containers which are opened must be carefully closed and kept upright to prevent leakage.

Incompatible products

Do not store together with: oxidizing substances; spontaneously combusting substances; explosive substances

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
	2009/161/EU		
	methyl methacrylate		
	WEL short-term (15 min reference period)		100 ppm
	WEL long-term (8-hr TWA reference period)		50 ppm
	List of approved workplace exposure limits (WELs) / EH40		

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	Methyl methacrylate				
	WEL short-term (15 min reference period)	416	mg/m ³	100	ppm
	WEL long-term (8-hr TWA reference period)	208	mg/m ³	50	ppm
2	2-methylpropenoic acid, methacrylic acid	79-41-4		201-204-4	
List of approved workplace exposure limits (WELs) / EH40					
	Methacrylic acid				
	WEL short-term (15 min reference period)	143	mg/m ³	40	ppm
	WEL long-term (8-hr TWA reference period)	72	mg/m ³	20	ppm

DNEL, DMEL and PNEC values**DNEL values (worker)**

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	benzyl-methacrylate			2495-37-6 219-674-4
	dermal	Long term (chronic)	systemic	6.94 mg/kg/day
	inhalative	Long term (chronic)	systemic	24.2 mg/m ³
2	methyl-methacrylate			80-62-6 201-297-1
	dermal	Short term (acut)	local	1.5 mg/cm ²
	dermal	Long term (chronic)	systemic	13.67 mg/kg
	dermal	Long term (chronic)	local	1.5 mg/cm ²
	inhalative	Long term (chronic)	systemic	348.4 mg/m ³
	inhalative	Long term (chronic)	local	208 mg/m ³
	inhalative	Short term (acut)	local	416 mg/m ³
3	2-methylpropenoic acid, methacrylic acid			79-41-4 201-204-4
	dermal	Long term (chronic)	systemic	4.25 mg/kg/day
	inhalative	Long term (chronic)	systemic	29.6 mg/m ³
	inhalative	Long term (chronic)	local	88 mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	benzyl-methacrylate			2495-37-6 219-674-4
	oral	Long term (chronic)	systemic	4.17 mg/kg/day
	dermal	Long term (chronic)	systemic	4.17 mg/kg/day
	inhalative	Long term (chronic)	systemic	7.2 mg/m ³
2	methyl-methacrylate			80-62-6 201-297-1
	oral	Long term (chronic)	systemic	8.2 mg/kg bw/day
	dermal	Short term (acut)	local	1.5 mg/cm ²
	dermal	Long term (chronic)	systemic	8.2 mg/kg
	dermal	Long term (chronic)	local	1.5 mg/cm ²
	inhalative	Long term (chronic)	systemic	74.3 mg/m ³
	inhalative	Long term (chronic)	local	104 mg/m ³
	inhalative	Short term (acut)	local	208 mg/m ³
3	2-methylpropenoic acid, methacrylic acid			79-41-4 201-204-4
	dermal	Long term (chronic)	systemic	2.55 mg/kg/day
	inhalative	Long term (chronic)	systemic	6.3 mg/m ³
	inhalative	Long term (chronic)	local	6.55 mg/m ³

PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	benzyl-methacrylate		2495-37-6 219-674-4
	water	fresh water	0.0216 mg/L

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	water	marine water	0.00216	mg/L
	water	Aqua intermittent	0.0228	mg/L
	water	fresh water sediment	0.888	mg/kg dry weight
	water	marine water sediment	0.0888	mg/kg dry weight
	soil	-	0.165	mg/kg dry weight
	sewage treatment plant	-	1.31	mg/L
2	methyl-methacrylate		80-62-6 201-297-1	
	water	fresh water	0.94	mg/L
	water	marine water	0.094	mg/L
	water	Aqua intermittent	0.94	mg/L
	water	fresh water sediment	10.2	mg/kg
	water	marine water sediment	0.102	mg/kg dry weight
	soil	-	1.48	mg/kg dry weight
	sewage treatment plant	-	10	mg/L
3	2-methylpropenoic acid, methacrylic acid		79-41-4 201-204-4	
	water	fresh water	0.82	mg/L
	water	marine water	0.82	mg/L
	soil	-	1.2	mg/kg dry weight
	sewage treatment plant	-	10	mg/L

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

Personal protective equipment

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.

Respirator A2

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Protective gloves (EN 374); Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber

Appropriate Material PE / EVAL

Breakthrough time < 150 min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation
liquid
Form

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liquid			
Colour			
light			
Odour			
pungent			
pH value			
No data available			
Boiling point / boiling range			
Value	appr.	100	°C
Melting point/freezing point			
No data available			
Decomposition temperature			
No data available			
Flash point			
Value		22	°C
Ignition temperature			
No data available			
Flammability			
No data available			
Lower explosion limit			
No data available			
Upper explosion limit			
No data available			
Vapour pressure			
Value	>	40	hPa
Reference temperature		20	°C
Relative vapour density			
Value	>	1	°C
Reference temperature		20	°C
Relative density			
No data available			
Density			
Value		1	g/cm ³
Reference temperature		20	°C
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
log Pow			3.1
Reference temperature			20 °C
Method		OECD 117	
Source		ECHA	
2	methyl-methacrylate	80-62-6	201-297-1
log Pow			1.38
Reference temperature			20 °C
Source		ECHA	
Kinematic viscosity			
Value		3	mPa*s
Reference temperature		20	

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Particle characteristics

9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Product reacts with: Oxidizing agents; heavy metal compounds; Reducing agents; Peroxides

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

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

Acute oral toxicity (result of the ATE calculation for the mixture)

No	Product Name
1	SCANDIQUICK B
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity

No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
LD50		4450	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	methyl-methacrylate	80-62-6	201-297-1
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	Manufacturer		
3	ethylene dimethacrylate	97-90-5	202-617-2
LD50	appr.	8300	mg/kg bodyweight
Species	rat		
Method	OECD		
Source	ECHA		
4	2-methylpropenoic acid, methacrylic acid	79-41-4	201-204-4
LD50		1320	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity (result of the ATE calculation for the mixture)

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No	Product Name
1	SCANDIQUICK B
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	440/2008/EC B.3.		
Source	ECHA		
2	methyl-methacrylate	80-62-6	201-297-1
LD50	>	5000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
3	ethylene dimethacrylate	97-90-5	202-617-2
LD50	>	2001	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		
4	2-methylpropenoic acid, methacrylic acid	79-41-4	201-204-4
LD50	500	- 1000	mg/kg bodyweight
Species	rabbit		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	SCANDIQUICK B
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)).

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
LC50		29.8	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
Species	rabbit		
Source	Manufacturer		
Evaluation	low-irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	2-methylpropenoic acid, methacrylic acid	79-41-4	201-204-4
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	corrosive		
Evaluation/classification	Based on available data, the classification criteria are met.		

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Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		non-irritant	
2	methyl-methacrylate	80-62-6	201-297-1
Species		rabbit	
Source		Manufacturer	
Evaluation		low-irritant	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
Route of exposure		Skin	
Species		mouse	
Method		OECD 429	
Source		ECHA	
Evaluation		sensitizing	
2	methyl-methacrylate	80-62-6	201-297-1
Route of exposure		Skin	
Species		mouse	
Method		OECD 429	
Source		ECHA	
Evaluation		sensitizing	
3	ethylene dimethacrylate	97-90-5	202-617-2
Route of exposure		Skin	
Species		mouse	
Method		OECD 406	
Source		ECHA	
Evaluation		sensitizing	
Evaluation/classification		Based on available data, the classification criteria are met.	
4	2-methylpropenoic acid, methacrylic acid	79-41-4	201-204-4
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	methyl-methacrylate	80-62-6	201-297-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	2-methylpropenoic acid, methacrylic acid	79-41-4	201-204-4
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Carcinogenicity			

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No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure			
No data available			

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
Route of exposure		oral	
Species		rat	
Method		OECD 422	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard			
No data available			

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
LC50		4.67	mg/l
Duration of exposure		96	h
Species		Pimephales promelas	
Method		OECD 203	
Source		ECHA	
2	methyl-methacrylate	80-62-6	201-297-1
LC50		>	79 mg/l
Duration of exposure		96	h
Species		Oncorhynchus mykiss	
Method		OECD 203	
Source		ECHA	

Toxicity to fish (chronic)			
No data available			

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
EC50		69	mg/l
Duration of exposure		48	h
Species		Daphnia magna	
Method		OECD 202	
Source		ECHA	

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
NOEC		4.21	mg/l
Duration of exposure		21	day(s)
Species		Daphnia magna	

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Method	OECD 211		
Source	ECHA		
2	methyl-methacrylate	80-62-6	201-297-1
NOEC		37	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
EC50		2.28	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
2	methyl-methacrylate	80-62-6	201-297-1
EC50	>	110	mg/l
Duration of exposure		72	h
Species	Selenastrum capricornutum		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No data available			

Bacteria toxicity			
No data available			

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
Type	aerobic biodegradation		
Value		74	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
2	methyl-methacrylate	80-62-6	201-297-1
Value		94	%
Duration		14	day(s)
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	benzyl-methacrylate	2495-37-6	219-674-4
log Pow		3.1	
Reference temperature		20	°C
Method	OECD 117		
Source	ECHA		
2	methyl-methacrylate	80-62-6	201-297-1
log Pow		1.38	
Reference temperature		20	°C
Source	ECHA		

12.4 Mobility in soil

No data available.

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12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information**Other information**

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Remove in accordance with local official regulations.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	methyl-methacrylate
Special Provision 640	640D
Tunnel restriction code	D/E
Label	3

14.2 Transport IMDG

Class	3
Packing group	II
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	methyl-methacrylate
EmS	F-E, S-E
Label	3

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	II
UN number	UN1993
Proper shipping name	Flammable liquid, n.o.s.
Technical name	methyl-methacrylate
Label	3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

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No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3, 40

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	2-methylpropenoic acid, methacrylic acid	79-41-4	201-204-4	75
2	ethylene dimethacrylate	97-90-5	202-617-2	75
3	hydroquinone	123-31-9	204-617-8	75
4	methyl-methacrylate	80-62-6	201-297-1	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category: P5b

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has been carried out for the following substance/s in this mixture:

CAS no. 2495-37-6; 80-62-6; 97-90-5; 79-41-4

EC no. 219-674-4; 201-297-1; 202-617-2; 201-204-4

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

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D Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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