

Safety data sheet in accordance

with 1907/2006/EC

Trade name: Seatec thinner

Current version : 1.0.0, issued: 29.09.2020

Replaced version: -, issued: -

Region: GB

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

1.1 Product identifier

Trade name

Seatec thinner

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

Relevant identified uses of the substance or mixture

Solvent

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

SVB Spezialversand für Yacht- und Bootszubehör GmbH
Gelsenkirchener Strasse 25-27
28199 Bremen

Telephone no. +49(0) 421 57 29 0-0

e-mail info@svb.de

Advice on Safety Data Sheet

info@svb.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)

Acute Tox. 4; H312

Acute Tox. 4; H332

Aquatic Chronic 3; H412

Asp. Tox. 1; H304

Eye Dam. 1; H318

Flam. Liq. 3; H226

Skin Irrit. 2; H315

STOT RE 2; H373

STOT SE 3; H335

STOT SE 3; H336

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



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GHS02	GHS05	GHS07	GHS08
Signal word			
Danger			
Hazardous component(s) to be indicated on label:			
xylene Hydrocarbons, C9, aromatics 2-methylpropan-1-ol			
Hazard statement(s)			
H226		Flammable liquid and vapour.	
H304		May be fatal if swallowed and enters airways.	
H312+H332		Harmful in contact with skin or if inhaled.	
H315		Causes skin irritation.	
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	
H412		Harmful to aquatic life with long lasting effects.	
Precautionary statement(s)			
P101		If medical advice is needed, have product container or label at hand.	
P102		Keep out of reach of children.	
P210		Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P260		Do not breathe vapours.	
P271		Use only outdoors or in a well-ventilated area.	
P280		Wear protective gloves/protective clothing/eye protection/face protection.	
P301+P310		IF SWALLOWED: Immediately call a POISON CENTER/doctor.	
P305+P351+P338		IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P331		Do NOT induce vomiting.	
P370+P378		In case of fire: Use sand, fire powder, carbon dioxide or foam to extinguish.	
P405		Store locked up.	
P501		Dispose of contents/container to a facility in accordance with local and national regulations.	

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

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	xylene			
	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 Acute Tox. 4; H332	>= 50.00 - < 70.00	%-b.w.

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		Aquatic Chronic 3; H412 STOT RE 2; H373		
2	Hydrocarbons, C9, aromatics			
	64742-95-6 918-668-5 - 01-2119455851-35	Flam. Liq. 3; H226 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411 Asp. Tox. 1; H304 EUH066	>= 10.00 - < 25.00	%-b.w.
3	2-methylpropan-1-ol			
	78-83-1 201-148-0 603-108-00-1 01-2119484609-23	Eye Dam. 1; H318 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335 STOT SE 3; H336	>= 10.00 - < 25.00	%-b.w.
4	2-methoxy-1-methylethyl acetate			
	108-65-6 203-603-9 607-195-00-7 01-2119475791-29	Flam. Liq. 3; H226 STOT SE 3; H336	< 5.00	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove affected person from danger area, lay him down. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. Poisonous symptoms can first be observed after several hours, therefore medical observation for at least 48 hours is necessary.

After inhalation

Ensure supply of fresh air. Remove affected persons from dangerous area by observing suitable respiratory protection measures. Irregular breathing/no breathing: artificial respiration.

After skin contact

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

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting - aspiration hazard. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Alcohol-resistant foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Vapours can form a highly flammable mixture with air. Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. Exposure to heat may cause bursting of the vessels. In the event of fire, the following can be released: Carbon monoxide and carbon

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dioxide

5.3 Advice for firefighters

When extinguishing fires, use breathing apparatus with an independent source of air. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Remove persons to safety. Keep away from ignition sources. Do not inhale vapours.

For emergency responders

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

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g., sand, kieselguhr, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Refer to protective measures listed in section 8. Keep container tightly closed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Do not inhale gases/vapours/aerosols.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Keep away from open flames, hot surfaces and other ignition sources. Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Incompatible products

Do not store together with: oxidizing substances; spontaneously combusting substances; oxidizing agents; Do not store together with foodstuffs.

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	xylene	1330-20-7	215-535-7
	2000/39/EC		
	Xylene, mixed isomers, pure		
	WEL short-term (15 min reference period)	442	mg/m ³ 100 ppm
	WEL long-term (8-hr TWA reference period)	221	mg/m ³ 50 ppm
	Skin resorption / sensibilisation	Skin	

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List of approved workplace exposure limits (WELs) / EH40					
Xylene, o-, m-, p- or mixed isomers					
	WEL short-term (15 min reference period)	441	mg/m ³	100	ppm
	WEL long-term (8-hr TWA reference period)	220	mg/m ³	50	ppm
	Comments	Sk, BMGV			
2	2-methylpropan-1-ol	78-83-1		201-148-0	
List of approved workplace exposure limits (WELs) / EH40					
2-Methylpropan-1-ol					
	WEL short-term (15 min reference period)	231	mg/m ³	75	ppm
	WEL long-term (8-hr TWA reference period)	154	mg/m ³	50	ppm
3	2-methoxy-1-methylethyl acetate	108-65-6		203-603-9	
List of approved workplace exposure limits (WELs) / EH40					
1-Methoxypropylacetate					
	WEL short-term (15 min reference period)	548	mg/m ³	100	ppm
	WEL long-term (8-hr TWA reference period)	274	mg/m ³	50	ppm
	Comments	Sk			
2000/39/EC					
2-Methoxy-1-methylethylacetate					
	WEL short-term (15 min reference period)	550	mg/m ³	100	ppm
	WEL long-term (8-hr TWA reference period)	275	mg/m ³	50	ppm
	Skin resorption / sensibilisation	Skin			

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	xylene			1330-20-7 215-535-7	
	dermal	Long term (chronic)		212	mg/kg/day
	inhalative	Short term (acut)	systemic	442	mg/m ³
	inhalative	Long term (chronic)	systemic	221	mg/m ³
	inhalative	Long term (chronic)	local	221	mg/m ³
	inhalative	Short term (acut)	local	442	mg/m ³
2	Hydrocarbons, C9, aromatics			64742-95-6 918-668-5	
	dermal	Long term (chronic)	systemic	25	mg/kg/day
	inhalative	Long term (chronic)	systemic	150	mg/m ³
3	2-methylpropan-1-ol			78-83-1 201-148-0	
	inhalative	Long term (chronic)	local	310	mg/m ³
4	2-methoxy-1-methylethyl acetate			108-65-6 203-603-9	
	dermal	Long term (chronic)	systemic	796	mg/kg/day
	inhalative	Long term (chronic)	systemic	275	mg/m ³
	inhalative	Short term (acut)	local	550	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	xylene			1330-20-7 215-535-7	
	oral	Long term (chronic)	systemic	12.5	mg/kg/day
	dermal	Long term (chronic)	systemic	125	mg/kg/day
	inhalative	Short term (acut)		260	mg/m ³
	inhalative	Long term (chronic)		65.3	mg/m ³
2	Hydrocarbons, C9, aromatics			64742-95-6 918-668-5	

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	oral	Long term (chronic)	systemic	11	mg/kg/day
	dermal	Long term (chronic)	systemic	11	mg/kg/day
	inhalative	Long term (chronic)	systemic	32	mg/m ³
3	2-methylpropan-1-ol			78-83-1 201-148-0	
	inhalative	Long term (chronic)	local	55	mg/m ³
4	2-methoxy-1-methylethyl acetate			108-65-6 203-603-9	
	oral	Long term (chronic)	systemic	36	mg/kg/day
	oral	Short term (acute)	systemic	500	mg/kg/day
	dermal	Long term (chronic)	systemic	320	mg/kg/day
	inhalative	Long term (chronic)	systemic	33	mg/m ³
	inhalative	Long term (chronic)	local	33	mg/m ³

PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	xylene		1330-20-7 215-535-7
	water	fresh water	0.327 mg/L
	water	marine water	0.327 mg/L
	water	fresh water sediment	12.46 mg/kg
	water	marine water sediment	12.46 mg/kg
	soil	-	2.31 mg/kg
	sewage treatment plant	-	6.58 mg/L
2	2-methylpropan-1-ol		78-83-1 201-148-0
	water	fresh water	0.4 mg/L
	water	marine water	0.04 mg/L
	water	Aqua intermittent	11 mg/L
	water	fresh water sediment	1.56 mg/kg
	with reference to: dry weight		
	water	marine water sediment	0.152 mg/kg
	with reference to: dry weight		
	soil	-	0.076 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	10 mg/L
3	2-methoxy-1-methylethyl acetate		108-65-6 203-603-9
	water	fresh water	0.635 mg/L
	water	marine water	0.064 mg/L
	water	fresh water sediment	3.29 mg/kg
	with reference to: dry weight		
	water	marine water sediment	0.329 mg/kg
	with reference to: dry weight		
	soil	-	0.29 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	100 mg/L

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

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Safety glasses with side protection shield (EN 166)

Hand protection

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. Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product.

Appropriate Material	fluorinated rubber		
Material thickness	>=	0.4	mm
Breakthrough time	>	480	min

Other

Make sure when selecting personal protective equipment (PPE), that it is suitable for the activity, workplace conditions in which it will be used according to the applying European CEN standards and upon consultation with the PPE supplier.

Environmental exposure controls

Avoid release into sewage and environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour			
liquid			
colourless			
Odour			
of hydrocarbons			
Odour threshold			
No data available			
pH value			
No data available			
Boiling point / boiling range			
No data available			
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
Value	23	- 60	°C
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties			
The product is not explosive, but the formation of explosive vapour/air mixtures is possible.			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
No data available			
Upper flammability or explosive limits			
No data available			

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Vapour pressure			
Value	10.66	hPa	
Reference temperature	20	°C	
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	0.86	g/cm ³	
Reference temperature	20	°C	
Solubility in water			
Comments	immiscible		
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
log Pow		3.15	
Reference temperature		20	°C
with reference to	CAS 100-41-4		
Source	ECHA		
2	2-methylpropan-1-ol	78-83-1	201-148-0
log Pow		0.31	
Method	calculated		
Source	ECHA		
3	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow		1.2	
Reference temperature		20	°C
Method	OECD 117		
Source	ECHA		
Viscosity			
No data available			

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Vapours may form an explosive mixture with air.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Static discharges.

10.5 Incompatible materials

Oxidizing agents; Acids

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10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide; not combusted hydrocarbons (fumes)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
LD50		3523	mg/kg bodyweight
Species	rat		
Method	EU Method B.1		
Source	ECHA		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
LD50	>	3492	mg/kg bodyweight
Species	rat		
Source	ECHA		
3	2-methylpropan-1-ol	78-83-1	201-148-0
LD50	>	2830	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LD50	>	5000	mg/kg bodyweight
Species	rat		
Source	ECHA		

Acute dermal toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Seatec thinner
ATE (Mixture)	2000 mg/kg .00
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
LD50	>	3160	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
2	2-methylpropan-1-ol	78-83-1	201-148-0
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
3	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Seatec thinner
ATE (Mixture)	20.0 mg/l 000
Route of exposure / physical form	Vapour

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Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.
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Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
LC50	>	6.193	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-methylpropan-1-ol	78-83-1	201-148-0
LC50	>	18.8	mg/l
Duration of exposure		6	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
Species	rat		
Source	ECHA		
Evaluation	irritant		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	low-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	2-methylpropan-1-ol	78-83-1	201-148-0
Duration of exposure		24	h
Species	rabbit		
Method	USFDA Code of Federal Regulations Title 16, Section 1500.41		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
Species	rabbit		
Source	ECHA		
Evaluation	irritant		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
3	2-methylpropan-1-ol	78-83-1	201-148-0
Duration of exposure		24	h
Species	rabbit		
Method	OECD 405		

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Source	ECHA
Evaluation	Irreversible effects on the eye
Evaluation/classification	Based on available data, the classification criteria are met.
4	2-methoxy-1-methylethyl acetate 108-65-6 203-603-9
Species	rabbit
Method	OECD 405
Source	ECHA
Evaluation	non-irritant

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
Route of exposure		Skin	
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	non-sensitizing		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
Route of exposure		Skin	
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
3	2-methylpropan-1-ol	78-83-1	201-148-0
Route of exposure		Skin	
Method	QSAR		
Source	ECHA		
Evaluation	non-sensitizing		
Evaluation/classification	Based on available data, the classification criteria are not met.		
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Route of exposure		Skin	
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Carcinogenicity	
No data available	

STOT - single exposure	
No data available	

STOT - repeated exposure	
No data available	

Aspiration hazard	
No data available	

SECTION 12: Ecological information

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12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
LC50		2.6	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
with reference to	CAS 106-42-3		
Method	OECD 203		
Source	ECHA		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
LL50		9.2	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
3	2-methylpropan-1-ol	78-83-1	201-148-0
LC50		1430	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Source	ECHA		
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LC50	100	- 180	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		

Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
NOEC		>	1.3
Duration of exposure		56	day(s)
Species	Salmo gairdneri		
Method	OECD 210		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
EL50		3.2	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	2-methylpropan-1-ol	78-83-1	201-148-0
EC50		1100	mg/l
Duration of exposure		48	h
Species	Daphnia pulex		
Method	ASTM Standard E 729-80		
Source	ECHA		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	2-methylpropan-1-ol	78-83-1	201-148-0
NOEC		20	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Source	ECHA		

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Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
EC50		3.2	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
with reference to	CAS 106-42-3		
Method	OECD 201		
Source	ECHA		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
EL50		2.9	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
3	2-methylpropan-1-ol	78-83-1	201-148-0
EC50		593	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
EC50		>	1000
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No data available			

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
EC50		>	99
Duration of exposure		10	min
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
Value		>	20
Duration		28	day(s)
with reference to	CAS 106-42-3		
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
Type	BSB		
Value		78	%
Duration		28	d
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
3	2-methylpropan-1-ol	78-83-1	201-148-0
Type	BOD/COD		

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Value	70	-	80	%
Duration			28	day(s)
Method	OECD 301 D			
Source	ECHA			
Evaluation	readily biodegradable			
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9	
Type	aerobic biodegradation			
Value			90	%
Duration			28	day(s)
Method	OECD 301 F			
Source	ECHA			
Evaluation	readily biodegradable			

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
BCF			25.6
Species	Oncorhynchus mykiss		
Source	ECHA		

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
log Pow			3.15
Reference temperature			20 °C
with reference to	CAS 100-41-4		
Source	ECHA		
2	2-methylpropan-1-ol	78-83-1	201-148-0
log Pow			0.31
Method	calculated		
Source	ECHA		
3	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow			1.2
Reference temperature			20 °C
Method	OECD 117		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

12.6 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Packaging

Residuals 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.

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SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packing group	III
Hazard identification no.	30
UN number	UN1263
Proper shipping name	PAINT
Tunnel restriction code	D/E
Label	3

14.2 Transport IMDG

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	PAINT
EmS	F-E, S-E
Label	3

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	Paint
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

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

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
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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:	P5c
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15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

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

EUH066	Repeated exposure may cause skin dryness or cracking.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.

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Prod-ID 770049