

**Trade name:** WIDOPUR-Primer FTE

**Current version :** 2.0.0, issued: 15.12.2023

**Replaced version:** 1.2.1, issued: 12.04.2022

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**WIDOPUR-Primer FTE**

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

**Relevant identified uses of the substance or mixture**

Bonding agent for plastic adhesives

**Uses advised against**

No data available.

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

**Address**

Widopan Produkte GmbH

Ostereichen 3

D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0

Fax no. +49 (0) 4144 69821-20

**Information provided by / telephone**

+49 (0) 4144 69821-0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

**Details of the importer**

**Address**

Widopan Limited

System House

Horndon Industrial Park

24 Station Rd

West Horndon

Brentwood

CM13 3XL

### 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

Asp. Tox. 1; H304

Eye Irrit. 2; H319

Flam. Liq. 3; H226

Skin Irrit. 2; H315

STOT RE 2; H373

STOT SE 3; H335

**Classification information**

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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



GHS08

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

Reaction mass of xylene and ethylbenzene  
xylene

**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.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.  
 H373 May cause damage to organs through prolonged or repeated exposure

**Hazard statements (EU)**

EUH205 Contains epoxy constituents. May produce an allergic reaction.

**Precautionary statement(s)**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P260 Do not breathe mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P331 Do NOT induce vomiting.  
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

PBT assessment  
No data available.

vPvB assessment  
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 %

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1	<b>Reaction mass of xylene and ethylbenzene</b>			
	- 905-588-0 - 01-2119488216-32	Acute Tox. 4; H312 Acute Tox. 4; H332 Asp. Tox. 1; H304 Eye Irrit. 2; H319 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT RE 2; H373 STOT SE 3; H335	>= 70.00 - < 90.00	wt%
2	<b>xylene</b>			
	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 Aquatic Chronic 3; H412 STOT RE 2; H373	>= 10.00 - < 25.00	wt%
3	<b>ethylbenzene</b>			
	100-41-4 202-849-4 601-023-00-4 01-2119489370-35	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Acute Tox. 4; H332 STOT RE 2; H373 Aquatic Chronic 3; H412	>= 5.00 - < 10.00	wt%
4	<b>p-tert-butylphenyl 1-(2,3-epoxy)propyl ether</b>			
	3101-60-8 221-453-2 - 01-2119959496-20	Aquatic Chronic 2; H411 Skin Sens. 1; H317	< 0.50	wt%
5	<b>trichloromethane</b>			
	67-66-3 200-663-8 602-006-00-4 01-2119486657-20	Acute Tox. 3; H331 Acute Tox. 4; H302 Carc. 2; H351 Eye Irrit. 2; H319 Repr. 2; H361d Skin Irrit. 2; H315 STOT RE 1; H372	< 0.50	wt%

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 RE 2; H373: C >= 10%	-	-

No	Route, target organ, concrete effect
3	H373 -; hearing organs; -

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
3			17,8 mg/l

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

**After inhalation**

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Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Call a doctor immediately.

**After skin contact**

In case of contact with skin wash off immediately with copious amounts of water. Seek medical attention.

**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**

Do not induce vomiting - aspiration hazard. Call a doctor immediately.

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

**Effects**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

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

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media**

Water spray jet; Alcohol-resistant foam; Dry chemical extinguisher; Carbon dioxide

**Unsuitable extinguishing media**

High power water jet

### 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; Hydrogen chloride (HCl)

### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water.

## 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. Keep away from ignition sources.

**For emergency responders**

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.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

### 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**

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Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

**Advice on protection against fire and explosion**

Vapours can form an explosive mixture with air. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion-proof equipment/fittings and non-sparking tools.

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

Keep container tightly closed and dry in a cool, well-ventilated place.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

**Incompatible products**

Substances to be avoided, see section 10.

**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	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>
	<b>2000/39/EC</b>		
	Xylene, mixed isomers, pure		
	WEL short-term (15 min reference period)	442	mg/m <sup>3</sup> 100 ppm
	WEL long-term (8-hr TWA reference period)	221	mg/m <sup>3</sup> 50 ppm
	Skin resorption / sensibilisation	Skin	
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Xylene, o-, m-, p- or mixed isomers		
	WEL short-term (15 min reference period)	441	mg/m <sup>3</sup> 100 ppm
	WEL long-term (8-hr TWA reference period)	220	mg/m <sup>3</sup> 50 ppm
	Comments	Sk,BMGV	
2	<b>ethylbenzene</b>	<b>100-41-4</b>	<b>202-849-4</b>
	<b>2000/39/EC</b>		
	Ethylbenzene		
	WEL short-term (15 min reference period)	884	mg/m <sup>3</sup> 200 ppm
	WEL long-term (8-hr TWA reference period)	442	mg/m <sup>3</sup> 100 ppm
	Skin resorption / sensibilisation	Skin	
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Ethylbenzene		
	WEL short-term (15 min reference period)	552	mg/m <sup>3</sup> 125 ppm
	WEL long-term (8-hr TWA reference period)	441	mg/m <sup>3</sup> 100 ppm
	Comments	Sk	
3	<b>trichloromethane</b>	<b>67-66-3</b>	<b>200-663-8</b>
	<b>2000/39/EC</b>		
	Chloroform		
	WEL long-term (8-hr TWA reference period)	10	mg/m <sup>3</sup> 2 ppm
	Skin resorption / sensibilisation	Skin	

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List of approved workplace exposure limits (WELs) / EH40				
Chloroform				
WEL long-term (8-hr TWA reference period)	9.9	mg/m <sup>3</sup>	2	ppm
Comments	Sk			

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

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Reaction mass of xylene and ethylbenzene			- 905-588-0	
	dermal	Long term (chronic)	systemic	212.00	mg/kg/day
	inhalative	Short term (acute)	systemic	442.00	mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	442.00	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	221.00	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	221.00	mg/m <sup>3</sup>
2	xylene			1330-20-7 215-535-7	
	dermal	Long term (chronic)		212	mg/kg/day
	inhalative	Short term (acute)	systemic	442	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	221	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	221	mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	442	mg/m <sup>3</sup>
3	ethylbenzene			100-41-4 202-849-4	
	dermal	Long term (chronic)	systemic	180	mg/kg/day
	inhalative	Long term (chronic)	systemic	77	mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	293	mg/m <sup>3</sup>
4	trichloromethane			67-66-3 200-663-8	
	dermal	Long term (chronic)	systemic	0.94	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	2.5	mg/m <sup>3</sup>
	inhalative	Short term (acute)	systemic	333	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	2.5	mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Reaction mass of xylene and ethylbenzene			- 905-588-0	
	oral	Long term (chronic)	systemic	12.50	mg/kg/day
	dermal	Long term (chronic)	systemic	125.00	mg/kg/day
	inhalative	Short term (acute)	systemic	260.00	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	65.30	mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	260.00	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	65.30	mg/m <sup>3</sup>
2	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 (acute)		260	mg/m <sup>3</sup>
	inhalative	Long term (chronic)		65.3	mg/m <sup>3</sup>
3	ethylbenzene			100-41-4 202-849-4	
	oral	Long term (chronic)	local	1.6	mg/kg/day
	inhalative	Long term (chronic)	systemic	15	mg/m <sup>3</sup>

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4	trichloromethane			<b>67-66-3</b> <b>200-663-8</b>
	inhalative	Long term (chronic)	systemic	0.18 mg/m <sup>3</sup>

**PNEC values**

No	Substance name	CAS / EC no
	ecological compartment Type	Value
1	Reaction mass of xylene and ethylbenzene	- <b>905-588-0</b>
	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	xylene	<b>1330-20-7</b> <b>215-535-7</b>
	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
3	ethylbenzene	<b>100-41-4</b> <b>202-849-4</b>
	water fresh water	0.1 mg/L
	water marine water	0.01 mg/L
	water Aqua intermittent	0.1 mg/L
	water fresh water sediment	13.7 mg/kg dry weight
	water marine water sediment	1.37 mg/kg dry weight
	soil -	2.68 mg/kg dry weight
	sewage treatment plant -	9.6 mg/L
	secondary poisoning Bird	0.02 mg/kg food
4	trichloromethane	<b>67-66-3</b> <b>200-663-8</b>
	water fresh water	0.146 mg/L
	water marine water	0.015 mg/L
	water fresh water sediment	0.45 mg/kg dry weight
	water marine water sediment	0.09 mg/kg dry weight
	soil -	0.56 mg/kg dry weight
	sewage treatment plant -	0.048 mg/L

**8.2 Exposure controls****Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Short term: filter apparatus, Filter A

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Tightly fitting safety glasses (EN 166).

**Hand protection**

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. 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.

**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**

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
colourless	
<b>Odour</b>	
No data available	
<b>pH value</b>	
No data available	
<b>Boiling point / boiling range</b>	
Value	136 - 145 °C
Reference substance	Xylene
Source	supplier
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	23 - 29 °C
Reference substance	Xylene
Source	supplier
<b>Ignition temperature</b>	
No data available	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	
<b>Vapour pressure</b>	
No data available	



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<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
No data available			
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
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	ethylbenzene	100-41-4	202-849-4
log Pow		3.6	
Method		EU Method A.8	
Source		ECHA	
<b>Kinematic viscosity</b>			
No data available			
<b>Particle characteristics</b>			
No data available			

**9.2 Other information**

<b>Other information</b>
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**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

Heat, naked flames and other ignition sources. Protect from sun.

**10.5 Incompatible materials**

Peroxides; strong acids; strong oxidizing agents

**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**

<b>Acute oral toxicity</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	xylene	1330-20-7	215-535-7
LD50		3523	mg/kg bodyweight

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Species	rat
Method	EU Method B.1
Source	ECHA
<b>2</b>	<b>ethylbenzene</b>
	<b>100-41-4</b>
	<b>202-849-4</b>
LD50	appr. 3500 mg/kg bodyweight
Species	rat
Source	ECHA

Acute dermal toxicity (result of the ATE calculation for the mixture)	
No	Product Name
<b>1</b>	<b>WIDOPUR-Primer FTE</b>
ATE (Mixture)	1222.22 mg/kg
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
<b>1</b>	<b>ethylbenzene</b>
	<b>100-41-4</b>
	<b>202-849-4</b>
LD50	appr. 3500 mg/kg bodyweight
Species	rat
Source	ECHA

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
<b>1</b>	<b>WIDOPUR-Primer FTE</b>
ATE (Mixture)	11.6623 mg/l
Route of exposure / physical form	Vapour
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

Acute inhalational toxicity	
No	Substance name
<b>1</b>	<b>ethylbenzene</b>
	<b>100-41-4</b>
	<b>202-849-4</b>
LC50	17.8 mg/l
Duration of exposure	4 h
State of aggregation	Vapour
Species	rat
Source	ECHA

Skin corrosion/irritation	
No	Substance name
<b>1</b>	<b>xylene</b>
	<b>1330-20-7</b>
	<b>215-535-7</b>
Species	rat
Source	ECHA
Evaluation	irritant

Serious eye damage/irritation	
No	Substance name
<b>1</b>	<b>xylene</b>
	<b>1330-20-7</b>
	<b>215-535-7</b>
Species	rabbit
Source	ECHA
Evaluation	irritant

Respiratory or skin sensitisation	
No	Substance name
<b>1</b>	<b>xylene</b>
	<b>1330-20-7</b>
	<b>215-535-7</b>
Route of exposure	Skin
Species	mouse
Method	OECD 429
Source	ECHA
Evaluation	non-sensitizing

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<b>Germ cell mutagenicity</b>			
No data available			
<b>Reproduction toxicity</b>			
No data available			
<b>Carcinogenicity</b>			
No data available			
<b>STOT - single exposure</b>			
No data available			
<b>STOT - repeated exposure</b>			
No	Substance name	CAS no.	EC no.
1	ethylbenzene	100-41-4	202-849-4
Target organ		hearing organs	
Source		ECHA	
<b>Aspiration hazard</b>			
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	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	ethylbenzene	100-41-4	202-849-4
LC50		4.2	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	ethylbenzene	100-41-4	202-849-4
EC50		1.8	2.4
Duration of exposure		48	h

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Species	Daphnia magna
Source	ECHA

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	ethylbenzene	100-41-4	202-849-4
NOELR		0.96	mg/l
Duration of exposure		7	day(s)
Species		Ceriodaphnia dubia	
Source		ECHA	

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	ethylbenzene	100-41-4	202-849-4
EC50		3.6	mg/l
Duration of exposure		96	h
Species		Pseudokirchneriella subcapitata	
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	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	

**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	
2	ethylbenzene	100-41-4	202-849-4
BCF		1	
Species		Oncorhynchus mykiss	
Source		ECHA	

Partition coefficient n-octanol/water (log value)			
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	

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Source	ECHA
<b>2</b> ethylbenzene	<b>100-41-4</b> <b>202-849-4</b>
log Pow	3.6
Method	EU Method A.8
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	No data available.
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**

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. 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	III
Hazard identification no.	30
UN number	UN1139
Proper shipping name	COATING SOLUTION
Tunnel restriction code	D/E
Label	3

**14.2 Transport IMDG**

Class	3
Packing group	III
UN number	UN1139
Proper shipping name	COATING SOLUTION
EmS	F-E, S-E
Label	3

**14.3 Transport ICAO-TI / IATA**

Class	3
Packing group	III

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UN number UN1139  
 Proper shipping name Coating solution  
 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 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	trichloromethane	67-66-3	200-663-8	32, 75
2	xylene	1330-20-7	215-535-7	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: P5c

**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 one or more of the substances within this mixture.

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

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

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

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.

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)**

H225 Highly flammable liquid and vapour.

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H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**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.

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