

**SAFETY DATA SHEET** according to regulation 1907/2006**silco**<sup>®</sup>**Product name: 9400 X40 Semi Gloss****Creation date: 24.01.2022, Revision: 27.01.2022, version: 4.1****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product name

9400 X40 Semi Gloss

Product code

9400-1

UFI:

511U-90M9-D00X-U9EK

<https://my.chemius.net/p/Rbapo8/en/pd/e1>**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses

No information.

Uses advised against

No information.

**1.3 Details of the supplier of the safety data sheet****Supplier**

SILCO d.o.o.

Sentrupert 5a

3303 Gomilsko, Slovenia

+386 3 703 3180

n.cvilak@silco.si

**Manufacturer**

SILCO d.o.o.

Sentrupert 5a

3303 Gomilsko, Slovenia

00386 3 703 3180

n.cvilak@silco.si

**1.4 Emergency Telephone Number****Emergency**

National Poisons Information Centre: (01) 809 2166 (available from 8am – 10pm every day)

**Supplier**

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**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

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

Flam. Liq. 2; H225 Highly flammable liquid and vapour.

STOT SE 3; H336 May cause drowsiness or dizziness.

**2.2 Label elements**

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

**Signal word: Danger**

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains. May produce an allergic reaction.

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

P240 Ground and bond container and receiving equipment.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with national regulation.

**Contains:**

n-butyl acetate

reaction mass of ethylbenzene and m-xylene and p-xylene

ethylbenzene

**2.3 Other hazards**

No information.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

For mixtures see 3.2.

**3.2 Mixtures**

NAME	CAS EC INDEX REACH	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 (CLP)	SPECIFIC CONC. LIMITS	NOTES FOR SUBSTANCES
n-butyl acetate	123-86-4 204-658-1 607-025-00-1	40-50	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/	/
reaction mass of ethylbenzene and m-xylene and p-xylene	- 905-562-9 -	10-15	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335 STOT RE 2; H373	/	/
1-methoxy-2-propylacetate	108-65-6 203-603-9 607-195-00-7	5-10	Flam. Liq. 3; H226	/	/
xylene	1330-20-7 215-535-7 601-022-00-9	2.5-5	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332	/	C
ethylbenzene	100-41-4 202-849-4 601-023-00-4	1-2.5	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Acute Tox. 4; H332 STOT RE 2; H373	/	/

ethanol	64-17-5 200-578-6 603-002-00-5	0.1-1	Flam. Liq. 2; H225	/	/
methanol	67-56-1 200-659-6 603-001-00-X	0.1-1	Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 STOT SE 1; H370	STOT SE 1; H370; C $\geq$ 10% STOT SE 2; H371; 3% $\leq$ C < 10%	/
styrene	100-42-5 202-851-5 601-026-00-0 01-2119457861-32	0.01-0.1	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335 Repr. 2; H361 STOT RE 1; H372 Aquatic Chronic 3; H412	/	/
n-butyl acrylate	141-32-2 205-480-7 607-062-00-3 01-2119453155-43	0.01-0.1	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335 Aquatic Chronic 3; H412	/	/

#### Notes for substances

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.  In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
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## SECTION 4: FIRST AID MEASURES

### 4.1 First aid measures

#### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. Obtain professional medical help!

#### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

#### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Consult a physician. Show the physician the safety data sheet or label.

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

#### Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Vapours may cause drowsiness and dizziness.

#### Following skin contact

Contact with skin may cause irritation (redness, itching). May cause sensitisation by skin contact (itching, redness,

rashes). Repeated exposure may cause dry skin or cracked skin.

#### Following eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

#### Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

### 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. Dry chemical powder. Water spray. Alcohol resistant foam.

#### Unsuitable extinguishing media

Full water jet.

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

#### Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### 5.3 Advice for firefighters

#### Protective actions

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Prolonged heating can cause an explosion. Vapours can form explosive mixtures with air. Cool containers at risk with water spray. If possible remove containers from endangered area.

#### Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### Additional information

No information.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel

##### Protective equipment

No information.

##### Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

##### Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

#### For emergency responders

Use personal protective equipment.

### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment,

inform the relevant authorities.

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

#### For containment

Stem the spill if this does not pose risks.

#### For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Use only explosion-proof instruments and equipment. Use spark-proof tools. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

#### OTHER INFORMATION

No information.

### 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Protective measures

##### Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges. Vapours are heavier than air and spread along the floor. They form explosive mixtures with air.

##### Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

##### Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

##### Other measures

No information.

#### Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

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

#### Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising substances. Keep away from sources of ignition - no smoking.

#### Packaging materials

Store only in original container.

#### Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

#### Storage class

No information.

#### Further information on storage conditions

No information.

### 7.3 Specific end use(s)

#### Recommendations

No information.

Industrial sector specific solutions  
No information.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational Exposure limit values

No information.

#### Information on monitoring procedures

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

#### DNEL/DMEL values

##### For product

No information.

##### For components

NAME	TYPE	EXPOSURE ROUTE	EXP. FREQUENCY	REMARK	VALUE
n-butyl acetate	Worker	inhalation	long term systemic effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	short term systemic effects	/	600 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	long term local effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Worker	inhalation	short term local effects	/	600 mg/m <sup>3</sup>
n-butyl acetate	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
n-butyl acetate	Consumer	inhalation	long term systemic effects	/	35.7 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	short term systemic effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	long term local effects	/	35.7 mg/m <sup>3</sup>
n-butyl acetate	Consumer	inhalation	short term local effects	/	300 mg/m <sup>3</sup>
n-butyl acetate	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day
n-butyl acetate	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day
n-butyl acetate	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day
xylene	Worker	inhalation	long term systemic effects	/	221 mg/m <sup>3</sup>
xylene	Worker	inhalation	short term systemic effects	/	442 mg/m <sup>3</sup>
xylene	Worker	inhalation	long term local effects	/	221 mg/m <sup>3</sup>
xylene	Worker	inhalation	short term local effects	/	442 mg/m <sup>3</sup>
xylene	Worker	dermal	long term systemic effects	/	212 mg/kg bw/day
xylene	Consumer	inhalation	long term systemic effects	/	65.3 mg/m <sup>3</sup>
xylene	Consumer	inhalation	short term systemic effects	/	260 mg/m <sup>3</sup>
xylene	Consumer	inhalation	long term local effects	/	65.3 mg/m <sup>3</sup>
xylene	Consumer	inhalation	short term local effects	/	260 mg/m <sup>3</sup>
xylene	Consumer	dermal	long term systemic effects	/	125 mg/kg bw/day

xylene	Consumer	oral	long term systemic effects	/	12.5 mg/kg bw/day
ethylbenzene	Worker	inhalation	long term systemic effects	/	77 mg/m <sup>3</sup>
ethylbenzene	Worker	inhalation	short term local effects	/	293 mg/m <sup>3</sup>
ethylbenzene	Worker	dermal	long term systemic effects	/	180 mg/kg bw/day
ethylbenzene	Consumer	inhalation	long term systemic effects	/	15 mg/m <sup>3</sup>
ethylbenzene	Consumer	oral	long term systemic effects	/	1.6 mg/kg bw/day
ethanol	Worker	inhalation	long term systemic effects	/	950 mg/m <sup>3</sup>
ethanol	Worker	dermal	long term systemic effects	/	343 mg/kg bw/day
ethanol	Consumer	inhalation	long term systemic effects	/	114 mg/m <sup>3</sup>
ethanol	Consumer	dermal	long term systemic effects	/	206 mg/kg bw/day
ethanol	Consumer	oral	long term systemic effects	/	87 mg/kg bw/day
methanol	Worker	dermal	long term systemic effects	/	20 mg/kg bw/day
methanol	Worker	inhalation	long term systemic effects	/	130 mg/m <sup>3</sup>
methanol	Worker	inhalation	short term systemic effects	/	130 mg/m <sup>3</sup>
methanol	Consumer	dermal	short term systemic effects	/	4 mg/kg bw/day
methanol	Consumer	oral	long term systemic effects	/	4 mg/kg bw/day
methanol	Consumer	inhalation	long term systemic effects	/	26 mg/m <sup>3</sup>
methanol	Consumer	inhalation	short term systemic effects	/	26 mg/m <sup>3</sup>
methanol	Worker	dermal	short term systemic effects	/	20 mg/kg bw/day
methanol	Worker	inhalation	short term local effects	/	130 mg/m <sup>3</sup>
methanol	Worker	inhalation	long term local effects	/	130 mg/m <sup>3</sup>
methanol	Consumer	oral	long term systemic effects	/	4 mg/kg bw/day
methanol	Consumer	dermal	long term systemic effects	/	4 mg/kg bw/day
methanol	Consumer	inhalation	short term local effects	/	26 mg/m <sup>3</sup>
methanol	Consumer	inhalation	long term local effects	/	26 mg/m <sup>3</sup>

#### PNEC values

##### For product

No information.

##### For components

NAME	EXPOSURE ROUTE	REMARK	VALUE
n-butyl acetate	fresh water	/	0.18 mg/L
n-butyl acetate	water, intermittent release	/	0.36 mg/L
n-butyl acetate	marine water	/	0.018 mg/L
n-butyl acetate	water treatment plant	/	35.6 mg/L
n-butyl acetate	fresh water sediment	dry weight	0.981 mg/kg
n-butyl acetate	marine water sediment	dry weight	0.098 mg/kg
n-butyl acetate	soil	dry weight	0.09 mg/kg
xylene	fresh water	/	0.327 mg/L

xylene	water, intermittent release	/	0.327 mg/L
xylene	marine water	/	0.327 mg/L
xylene	water treatment plant	/	6.58 mg/L
xylene	fresh water sediment	dry weight	12.46 mg/kg
xylene	marine water sediment	dry weight	12.46 mg/kg
xylene	soil	dry weight	2.31 mg/kg
ethylbenzene	fresh water	/	0.1 mg/L
ethylbenzene	water, intermittent release	/	0.1 mg/L
ethylbenzene	marine water	/	0.01 mg/L
ethylbenzene	water treatment plant	/	9.6 mg/L
ethylbenzene	fresh water sediment	dry weight	13.7 mg/kg
ethylbenzene	marine water sediment	dry weight	1.37 mg/kg
ethylbenzene	soil	dry weight	2.68 mg/kg
ethylbenzene	secondary poisoning	food	0.02 g/kg
ethanol	fresh water	/	0.96 mg/L
ethanol	water, intermittent release	/	2.75 mg/L
ethanol	marine water	/	0.79 mg/L
ethanol	water treatment plant	/	580 mg/L
ethanol	fresh water sediment	dry weight	3.6 mg/kg
ethanol	marine water sediment	dry weight	2.9 mg/kg
ethanol	soil	dry weight	0.63 mg/kg
ethanol	secondary poisoning	food	0.38 g/kg
methanol	fresh water	/	20.8 mg/L
methanol	marine water	/	2.08 mg/L
methanol	water treatment plant	/	100 mg/L
methanol	fresh water sediment	dry weight	77 mg/kg
methanol	marine water sediment	dry weight	7.7 mg/kg
methanol	soil	dry weight	100 mg/kg

## 8.2 Exposure controls

### Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

#### Structural measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

### Personal protective equipment

#### Eye and face protection

Safety glasses with side protection (EN 166).

#### Hand protection

Protective gloves (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

### Appropriate materials



**Skin protection**

Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2012).  
At high risk of skin exposure chemical suits (EN ISO 6530:2005) and boots may be required (EN ISO 20345:2012).

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

**Thermal hazards**

No information.

**Environmental exposure controls****Substance/mixture related measures to prevent exposure**

No information.

**Instruction measures to prevent exposure**

No information.

**Organisational measures to prevent exposure**

No information.

**Technical measures to prevent exposure**

Do not allow product to reach drains, sewage systems or ground water.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties****Physical state**

liquid

**Colour**

No information.

**Odour**

No information.

**Important health, safety and environmental information**

Odour threshold	No information.
pH	substance/mixture is non-polar/aprotic
Melting point/Freezing point	No information.
Initial boiling point/boiling range	No information.
Flash point	No information.
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Explosion limits (vol%)	No information.
Vapour pressure	No information.
Vapour density	No information.
Density / weight	Density: 1.0104 g/cm <sup>3</sup>
Solubility	No information.
Partition coefficient	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
Viscosity	No information.
Explosive properties	No information.
Oxidising properties	No information.

**9.2 OTHER INFORMATION**

No information.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No information.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

Vapours and air can form flammable or explosive mixtures.

### 10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

### 10.5 Incompatible materials

Oxidants.

### 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### (a) Acute toxicity

For components

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	METHOD	REMARK
n-butyl acetate	dermal	LD <sub>50</sub>	rabbit	/	5000 mg/kg	/	/
n-butyl acetate	inhalation	LC <sub>50</sub>	rat	4 h	9.6 - 29.2 mg/l	/	dust/aerosol
n-butyl acetate	oral	LD <sub>50</sub>	rat	/	4700 mg/kg	/	/
xylene	oral	LD <sub>50</sub>	rat	/	> 3523 mg/kg	/	/
xylene	dermal	LD <sub>50</sub>	rabbit	/	4200 mg/kg	/	/
xylene	inhalation (vapours)	LC <sub>50</sub>	rat	4 h	29 mg/l	/	/
ethylbenzene	dermal	LD <sub>50</sub>	rabbit	/	17800 mg/kg	/	/
ethylbenzene	oral	LD <sub>50</sub>	rat	/	3500 mg/kg	/	/
ethylbenzene	inhalation	LC <sub>50</sub>	/	4 h	11 mg/l	/	ATE
ethanol	dermal	LD <sub>50</sub>	rabbit	/	20000 mg/kg	/	/
ethanol	oral	LD <sub>50</sub>	rat	/	6200 - 17800 mg/kg	/	/
methanol	dermal	LD <sub>50</sub>	rabbit	/	ca. 17100 mg/kg	/	/

#### Additional information

The product is not classified for acute toxicity.

#### (b) Skin corrosion/irritation

No information.

**Additional information**

The product is not classified as irritating to skin and eyes.

**(c) Serious eye damage/irritation**

No information.

**(d) Respiratory or skin sensitisation**

No information.

**Additional information**

It contains at least one ingredient that can cause sensitisation. Can cause allergic reaction. May cause an allergic skin reaction.

**(e) (Germ cell) mutagenicity**

No information.

**(f) Carcinogenicity**

No information.

**(g) Reproductive toxicity**

No information.

**Summary of evaluation of the CMR properties**

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

**(h) STOT-single exposure**

No information.

**Additional information**

May cause drowsiness or dizziness.

**(i) STOT-repeated exposure**

No information.

**Additional information**

Repeated exposure may cause skin dryness or cracking. STOT RE (repeated exposure): Not classified.

**(j) Aspiration hazard**

No information.

**Additional information**

Aspiration hazard: Not classified.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Acute (short-term) toxicity

##### For components

NAME	TYPE	VALUE	EXPOSURE TIME	SPECIES	ORGANISM	METHOD	REMARK
n-butyl acetate	LC <sub>50</sub>	18 mg/L	96 h	fish	/	/	/
n-butyl acetate	EC <sub>50</sub>	44 mg/L	48 h	crustacea	/	/	/
n-butyl acetate	EC <sub>50</sub>	675 mg/L	72 h	algae	/	/	/
xylene	LC <sub>50</sub>	13.4 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
xylene	LC <sub>50</sub>	13.1 - 16.5 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
xylene	LC <sub>50</sub>	2661 - 4093 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	/	/
xylene	LC <sub>50</sub>	19 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
xylene	LC <sub>50</sub>	30.26 - 40.75 mg/L	96 h	fish	<i>Poecilia reticulata</i>	/	/
xylene	LC <sub>50</sub>	23.53 - 29.97 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
xylene	LC <sub>50</sub>	7711 - 9591 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/

xylene	LC <sub>50</sub>	780 mg/L	96 h	fish	<i>Cyprinus carpio</i>	/	/
xylene	LC <sub>50</sub>	> 780 mg/L	96 h	fish	<i>Cyprinus carpio</i>	/	/
xylene	LC <sub>50</sub>	13.5 - 17.3 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	/	/
xylene	EC <sub>50</sub>	3.82 mg/L	48 h	daphnia	/	/	/
ethylbenzene	EC <sub>50</sub>	2.1 mg/L	48 h	<i>Daphnia</i>	/	/	/
methanol	LC <sub>50</sub>	15400 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	Translation required (80515)	/
methanol	EC <sub>50</sub>	22200 mg/L	48 h	crustacea	<i>Daphnia magna</i>	OECD 202	/
methanol	EC <sub>50</sub>	ca. 22000 mg/L	96 h	algae	<i>Pseudokirchneriella subcapitata</i>	OECD 201	/

### Chronic (long-term) toxicity

No information.

## 12.2 Persistence and degradability

### Abiotic degradation, physical- and photo-chemical elimination

No information.

### Biodegradation

#### For components

NAME	TYPE	RATE	TIME	EVALUATION	METHOD	REMARK
methanol	BOD	95 %	20 days	readily biodegradable	/	/

## 12.3 Bioaccumulative potential

### Partition coefficient

#### For components

NAME	MEDIA	VALUE	TEMPERATURE °C	PH	CONCENTRATION	METHOD
methanol	Octanol-water (log Pow)	-0.77	/	/	/	/

### Bioconcentration factor (BCF)

No information.

## 12.4 Mobility in soil

### Known or predicted distribution to environmental compartments

No information.

### Surface tension

No information.

### Adsorption/Desorption

No information.

## 12.5 Results of PBT and vPvB assessment

No evaluation.

## 12.6 Other adverse effects

No information.

## 12.7 Additional information

### For product

Product is not classified as dangerous for environment. Do not allow to reach ground water, water courses or sewage system.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product / Packaging disposal

##### Waste chemical

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

#### Waste codes / waste designations according to LoW

No information.

#### Packaging

Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents. Uncleaned containers should not be perforated, cut or welded. Empty containers represent a fire hazard as they may contain flammable product residues and vapour.

#### Waste codes / waste designations according to LoW

No information.

#### Waste treatment-relevant information

No information.





#### Sewage disposal-relevant information

No information.

#### Other disposal recommendations

No information.

## SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number			
UN 1263	UN 1263	UN 1263	UN 1263
14.2 UN proper shipping name			
PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)			
3	3	3	3
			
14.4 Packing group			
III	III	III	III
14.5 Environmental hazards			
NO	NO	NO	NO

14.6 Special precautions for user			
Limited quantities 5 L Special provisions 163, 367, 650 Packing Instructions P001, IBC03, LP01, R001 Special packing provisions PP1 Transport category 3 Tunnel restriction code (D/E)	Limited quantities 5 L EmS F-E, <u>S-E</u>	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y344 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 10 L Packing Instructions (Pkg Inst) 355 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 L Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst) 366 Special provisions A3, A72, A192 ERG code 3L	Limited quantities 5 L
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code			
Goods may not be carried in bulk in bulk containers, containers or vehicles.	Goods may not be carried in bulk in bulk containers, containers or vehicles.	Not given/not applicable	Not given/not applicable

## SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2015/830)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)  
EU limit values and category: B(e) 840 g/l. VOC Content: 680 g/l

Regulation EC 648/2004 on detergents

No information.

#### Special instructions

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

#### Indication of changes

No information.

#### Key literature references and sources for data

No information.

#### Abbreviations and acronyms

ATE - Acute Toxicity Estimate

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

CEN - European Committee for Standardisation

C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure

SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

**List of relevant H phrases**

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H301 Toxic if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H311 Toxic in contact with skin.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H361 Suspected of damaging fertility or the unborn child.  
H370 Causes damage to organs.  
H371 May cause damage to organs.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.