

# SAFETY DATA SHEET

according to 1907/2006/EC



Product name: XB383 Standard Thinner

Product code: 1250018642

Print Date: 2019-09-26

v29.0

Revision Date: 2019-09-26

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## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name** XB383  
Standard Thinner

**Product code** 1250018642

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

#### Identified uses

Thinner for professional use

Based on use descriptor system given by guideline of the European Chemical Agency

Sector of use SU 22

Further information see chapter Exposure scenario

The product is only for industrial and/or professional use, not for any private consumer use.

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

#### Company/Undertaking Identification

Producer/Supplier Axalta Coating Systems UK Ltd.  
Street/Box Unit 1, Quadrant Park, Mundells  
Nat.-Code/Postal code/City GB Welwyn Garden City, Hertfordshire, AL7 1FS  
Telephone +44 (0)1707 518 000

#### Product Information

Telephone +44 (0)143 873 4000

#### Information on SDS

Responsible Department Regulatory Affairs  
Telephone +49 (0)202 529-2385  
Telefax +49 (0)202 529-2804  
E-mail address sds-competence@axalta.com

### 1.4. Emergency telephone number

Emergency telephone number of manufacturer +(44)-870-8200418

**For further information, please also consult our Internet site**

<http://www.axaltacoatingsystems.com>

## Section 2. Hazards identification

The product is classified as dangerous in accordance with Regulation (EC) No. 1272/2008.

### 2.1. Classification of the substance or mixture

#### Classification of the mixture

##### According to Regulation (EC) No 1272/2008

Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; STOT SE 3, H336; Aquatic Chronic 2, H411;

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008.

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## Pictogram and Signal word of the product



Signal word: Danger

## Hazardous components which must be listed on the label

Contains	4-methylpentan-2-one solvent naphtha (petroleum), light arom. (<0,1% benzene) n-butyl acetate 1,2,4-trimethylbenzene
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## Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

## Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261	Avoid breathing dust/ vapours/ spray.
P273	Avoid release to the environment.
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.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P391	Collect spillage.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.

## 2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

Restricted to professional users.

## Section 3. Composition/information on ingredients

### 3.1. Substances

This product is a mixture. Health hazard information is based on its components.

### 3.2. Mixtures

#### Chemical characterization

mixture of solvents

## Hazardous components

Substances presenting a health or environmental hazard within the meaning of Regulation (EC) No 1272/2008

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CAS 108-10-1 EC 203-550-1 Classification	4-methylpentan-2-one REACH 01-2119473980-30 Flam. Liq. 2, H225; Eye Irrit. 2, H319; Acute Tox. 4, H332; STOT SE 3, H335; EUH066;	25 - <	35 %
CAS 64742-95-6 EC 918-668-5 Classification	solvent naphtha (petroleum), light arom. (<0,1% benzene) REACH 01-2119455851-35 Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H335; STOT SE 3, H336; Aquatic Chronic 2, H411; EUH066; Note H (Table 3.1); Note P;	15 - <	20 %
CAS 123-86-4 EC 204-658-1 Classification	n-butyl acetate REACH 01-2119485493-29 Flam. Liq. 3, H226; STOT SE 3, H336; EUH066;	15 - <	20 %
CAS 95-63-6 EC 202-436-9 Classification	1,2,4-trimethylbenzene REACH no registration number available Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 2, H411;	10 - <	12.5 %
CAS 1330-20-7 EC 215-535-7 Classification	xylene REACH 01-2119488216-32 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;	10 - <	12.5 %
CAS 123-92-2 EC 204-662-3 Classification	isopentyl acetate REACH 01-2119548408-32 Flam. Liq. 3, H226; EUH066; Note C;	7 - <	10 %
CAS 108-67-8 EC 203-604-4 Classification	mesitylene REACH no registration number available Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 2, H411;	2.5 - <	3 %
CAS 100-41-4 EC 202-849-4 Classification	ethylbenzene REACH 01-2119489370-35 Flam. Liq. 2, H225; Asp. Tox. 1, H304; Acute Tox. 4, H332; STOT RE 2, H373; Aquatic Chronic 3, H412;	2 - <	2.5 %
CAS 624-41-9 EC 210-843-8 Classification	2-methylbutyl acetate REACH no registration number available Flam. Liq. 3, H226; EUH066; Note C;	2 - <	2.5 %
CAS 103-65-1 EC 203-132-9 Classification	n-propylbenzene REACH no registration number available Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H335; Aquatic Chronic 2, H411; Note C;	1 - <	2 %

Up to the given revision date of this safety data sheet only the above mentioned REACH registration numbers are assigned to the chemical substances used in this mixture.

## Additional advice

See full text of H-phrases in chapter 16.

## Section 4. First aid measures

### 4.1. Description of first aid measures

#### General advice

When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person.

#### Inhalation

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Avoid inhalation of vapour or mist. Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

## Skin contact

Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

## Eye contact

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

## Ingestion

If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label. Do NOT induce vomiting. Keep at rest.

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

Please see practical experience in section 11.

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

If unconscious place in recovery position and seek medical advice.

# Section 5. Firefighting measures

## 5.1. Extinguishing media

### Suitable extinguishing media

Universal aqueous film-forming foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray.

### Extinguishing media which shall not be used for safety reasons

High volume water jet

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

### Hazardous combustion products

Fire will produce dense black smoke containing hazardous combustion products. Exposure to decomposition products may be a hazard to health.

### Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

## 5.3. Advice for firefighters

### Fire and Explosion Hazards

Flammable liquid. Vapours may form explosive mixtures with air. Remove all sources of ignition. Solvent vapours are heavier than air and may spread along floors.

### Special Protective Equipment and Fire Fighting Procedures

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Wear as appropriate: Full protective flameproof clothing. Wear self-contained breathing apparatus for firefighting if necessary. In the event of fire, cool tanks with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

## Section 6. Accidental release measures

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

Keep in a well-ventilated place. Keep away from sources of ignition. Do not inhale vapours.

### 6.2. Environmental precautions

Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems. Please avoid any emission of volatile organic compounds as possible.

### 6.3. Methods and materials 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. Clean preferably with a detergent; avoid use of solvents.

### 6.4. Reference to other sections

Comply with safety directives (see chapters 7 and 8).

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

#### Safe handling advice

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Preparation may charge electrostatically: always use grounded leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing. No sparking tools should be used. Avoid skin and eye contact. Do not breathe vapours or spray mist. Smoking, eating and drinking should be prohibited in the application area.

For personal protection see section 8. Comply with the health and safety at work laws. If material is a coating, do not sand, flame cut, braze or weld dry coating without an appropriate respirator or appropriate ventilation, and gloves.

#### Advice on protection against fire and explosion

Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Never use pressure to empty container: container is not a pressure vessel. Always keep in containers of same material as the original one. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimize the risks of spontaneous combustion and other fire hazards.

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

#### Requirements for storage areas and containers

Observe label precautions. Refer to Technical Data Sheet (TDS) for further information about storage temperature. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. The storage and use of this product is subject to the requirements of the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). Up to 50 litres of such highly flammable liquids may be stored in a work area provided they are kept in a fire-proof cupboard or bin. Larger quantities must be kept in a separate storeroom conforming to the structural requirements of the regulations. Further guidance is contained in the HSE ACOP L135, "Storage of Dangerous Substances."

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## Advice on common storage

Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

## 7.3. Specific end use(s)

Please see exposure scenarios as given in the annex.

## Section 8. Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL

CAS-No.	Chemical name	End Use	Exposure routes	Frequency of exposure	Type	Value
108-10-1	4-methylpentan-2-one	Workers Workers	Dermal Inhalative	Long term Long term	Systemic effects Systemic effects	11.8 mg/kg 19.97 ppm
64742-95-6	solvent naphtha (petroleum), light arom. (<0,1% benzene)	Workers Workers	Dermal Inhalative	Long term Long term	Systemic effects Systemic effects	25 mg/kg/day 30.1 ppm
123-86-4	n-butyl acetate	Workers Workers	Dermal Inhalative	Long term Long term	Systemic effects Systemic effects	11 mg/kg/day 62.2 ppm
1330-20-7	xylene	Workers Workers	Dermal Inhalative	Long term Long term	Systemic effects Systemic effects	212 mg/kg/day 50.9 ppm
123-92-2	isopentyl acetate	Workers Workers	Dermal Inhalative	Long term Long term	Systemic effects Systemic effects	2.95 mg/kg/day 3.9 ppm
100-41-4	ethylbenzene	Workers Workers	Dermal Inhalative	Long term Long term	Systemic effects Systemic effects	180 mg/kg/day 17.73 ppm

#### PNEC

CAS-No.	Chemical name	Compartment	Type	Value
108-10-1	4-methylpentan-2-one	Aquatic Aquatic Aquatic	Sediment Fresh water Sea-water	8.27 mg/kg 0.6 mg/l 0.06 mg/l
123-86-4	n-butyl acetate	Aquatic Aquatic Aquatic Terrestrial	Fresh water Sea-water waste-water treatment plant Soil	0.18 mg/l 0.018 mg/l 35.6 mg/l 0.09 mg/kg
1330-20-7	xylene	Aquatic Aquatic Aquatic Aquatic Terrestrial	Sediment Fresh water Sea-water waste-water treatment plant Soil	12.46 mg/kg 0.327 mg/l 0.327 mg/l 6.58 mg/l 2.31 mg/kg
100-41-4	ethylbenzene	Aquatic Aquatic Aquatic Aquatic Terrestrial	Sediment Fresh water Sea-water waste-water treatment plant Soil	1.37 mg/kg 0.1 mg/l 0.01 mg/l 9.6 mg/l 2.68 mg/kg

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## Community / national occupational exposure limits

CAS-No.	Chemical name	Source	Time	Type	Value	Note
108-10-1	4-methylpentan-2-one		15 min	IOELV15	208 mg/cm3	
			15 min	IOELV15	50 ppm	
			8 hr	IOELV8	83 mg/cm3	
			8 hr	IOELV8	20 ppm	
			15 min	STEL	416 mg/m3	
			15 min	STEL	100 ppm	
			8 hr	TWA	208 mg/m3	
			8 hr	TWA	50 ppm	
123-86-4	n-butyl acetate			STEL	966 mg/m3	
				STEL	200 ppm	
				TWA	724 mg/m3	
				TWA	150 ppm	
95-63-6	1,2,4-trimethylbenzene		8 hr	IOELV8	100 mg/cm3	
			8 hr	IOELV8	20 ppm	
				TWA	125 mg/m3	
				TWA	25 ppm	
1330-20-7	xylene		15 min	IOELV15	442 mg/cm3	Skin
			15 min	IOELV15	100 ppm	Skin
			8 hr	IOELV8	221 mg/cm3	Skin
			8 hr	IOELV8	50 ppm	Skin
				STEL	441 mg/m3	
				STEL	100 ppm	
				TWA	220 mg/m3	
				TWA	50 ppm	
123-92-2	isopentyl acetate		15 min	IOELV15	540 mg/cm3	
			15 min	IOELV15	100 ppm	
			8 hr	IOELV8	270 mg/cm3	
			8 hr	IOELV8	50 ppm	
108-67-8	mesitylene		8 hr	IOELV8	100 mg/cm3	
			8 hr	IOELV8	20 ppm	
				TWA	125 mg/m3	
				TWA	25 ppm	
624-41-9	2-methylbutyl acetate			STEL	125 ppm	
				Stel	676 mg/m3	
				TWA	541 mg/m3	
				TWA	100 ppm	
100-41-4	ethylbenzene		15 min	IOELV15	884 mg/cm3	Skin
			15 min	IOELV15	200 ppm	Skin
			8 hr	IOELV8	442 mg/cm3	Skin
			8 hr	IOELV8	100 ppm	Skin
				STEL	552 mg/m3	
				STEL	125 ppm	
				TWA	441 mg/m3	
				TWA	100 ppm	

## Glossary

IOELV Indicative Occupational Exposure Limit Values

TWA Time weighted average

## 8.2. Exposure controls

### Additional technical information on the plant

Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn. Mask with gas filter, type A (EN 141)

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## Protective equipment

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

## Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

## Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. The breakthrough time of gloves is unknown for the product itself. The glove material given is recommended on basis of the substances in the preparation.

Chemical name	Glove material	Glove thickness	Break through time
solvent naphtha (petroleum), light arom. (<0,1% benzene)	Viton (R) ®	0.7 mm	30 MIN
n-butyl acetate	Viton (R) ®	0.7 mm	10 MIN
	Nitrile rubber	0.33 mm	30 MIN
xylene	Nitrile rubber	0.33 mm	30 MIN
	Viton (R) ®	0.7 mm	480 MIN

The protective glove should be checked in each case for their work specific suitability (e.g. mechanical stability, product compatibility, and anti-static properties). When the intended use is for spray application a nitrile glove of the chemical resistance group 3 (e.g. Dermatrill® glove) is to be used. After contamination, the glove has to be changed. If immersing the hands into the product is not avoidable (e.g. maintenance work) a butyl or fluorocarbon rubber glove should be used. When skin exposure may occur to materials specified in section 3 of this SDS, advice should be sought from the glove supplier as to appropriate type to use with this product and the permeation breakthrough times. Care should be taken when working with sharp edged articles as these can easily damage the gloves and make them ineffective. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Damaged gloves or those showing signs of wear should be replaced immediately.

## Eye protection

Use safety eyewear designed to protect against splash of products.

## Skin and body protection

Wear suitable protective clothing. Personnel should wear antistatic clothing made of natural fiber or of high temperature resistant synthetic fiber.

## Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use organic solvents!

## Environmental exposure controls

Do not let product enter drains.

For ecological information refer to section 12.

## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Form:** liquid; **Colour:** clear; **Odour:** Characteristic Solvent Odor ;

#### Important health, safety and environmental information

Property	Value	Method
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pH	pH cannot be measured due to less solubility in water.	
Melting point/freezing point	-84 – 100 °C	
Boiling point/boiling range	114 °C	
Flash point	24 °C	EN ISO 3679
Evaporation rate	Slower than Ether	
Flammability (solid, gas)	not relevant as product is liquid	
Lower explosion limit	0.7 vol-% based on organic solvent content	
Upper explosion limit	8 vol-% based on organic solvent content	
Vapour pressure	11.4 hPa	
Vapour density	No data available	
Density	0.85 g/cm <sup>3</sup>	20 °C - DIN 53217/ISO 2811
Solubility(ies)		
Water solubility	partly miscible	
Solubility in other solvents	miscible with most organic solvents Listed in: Section 3. Composition/information on ingredients	
Partition coefficient: n-octanol/water	This product is a mixture. For ingredient details see section 12	
Auto-ignition temperature	360 °C	DIN 51794 based on organic solvent content
Decomposition temperature	This product is a mixture. For further information see section 10.	
Viscosity (23 °C)	<20 s	ISO 2431 - 1993 6 mm
Explosive properties	Not explosive	
Oxidizing properties	not oxidizing	

## 9.2. Other information

Solvent separation test	< 3%	ADR/RID
Content of volatile components (including water)	100.0 %	Basis Vapour pressure >= 0.01 kPa
organic solvent content	100.0 %	Basis Vapour pressure >= 0.01 kPa
European VOC	98.0 %	Basis Vapour pressure >= 0.1 hPa

## Section 10. Stability and reactivity

### 10.1. Reactivity

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 10.2. Chemical stability

The product is chemically stable.

### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials to avoid

not required under normal use

### 10.6. Hazardous decomposition products

None known.

## Section 11. Toxicological information

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## 11.1. Information on toxicological effects

### General observations

There is no data available on the product. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1272/2008/EC and classified for toxicological hazards accordingly. See sections 2 and 3 for details.

### Practical experience

Swallowing may cause nausea, diarrhoea, vomiting, gastro-intestinal irritation and chemical pneumonia. Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

### Acute toxicity

#### Acute inhalation toxicity

EINECS-No.	Chemical name	Species	Type	Exposure time	Value	Method
203-550-1	4-methylpentan-2-one	Rat	LC50	4 hr	=> ppm 2,000	
202-849-4	ethylbenzene	Rat	LC50	4 hr	4,000 ppm	
215-535-7	xylene	Rat	LC50	4 hr	5,000 ppm	
202-436-9	1,2,4-trimethylbenzene	Rat	LC50	4 hr	18,000 mg/l	

#### Acute dermal toxicity

EINECS-No.	Chemical name	Species	Type	Exposure time	Value	Method
215-535-7	xylene	Rabbit	LD50		> 1,700 mg/kg	

#### Acute oral toxicity

Based on available data, the classification criteria are not met.

### Irritation

#### Eyes

EINECS-No.	Chemical name	Species	Method	Result
202-436-9	1,2,4-trimethylbenzene	Rabbit		irritating
203-604-4	mesitylene			irritating
203-550-1	4-methylpentan-2-one			irritating
215-535-7	xylene			irritating

#### Skin

EINECS-No.	Chemical name	Species	Method	Result
202-436-9	1,2,4-trimethylbenzene	Rabbit		irritating
215-535-7	xylene			irritating
203-604-4	mesitylene			irritating
203-550-1	4-methylpentan-2-one			slight irritation
210-843-8	2-methylbutyl acetate			slight irritation
918-668-5	solvent naphtha (petroleum), light arom. (<0,1% benzene)			slight irritation
204-662-3	isopentyl acetate			slight irritation
204-658-1	n-butyl acetate			slight irritation

### Corrosion

#### Eyes

Based on available data, the classification criteria are not met.

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## Skin

Based on available data, the classification criteria are not met.

## Sensitisation

### Respiratory sensitisation

Based on available data, the classification criteria are not met.

### Skin sensitisation

Based on available data, the classification criteria are not met.

## Specific target organ toxicity - single exposure

EINECS-No.	215-535-7
Chemical name	xylene
Species	
Method	
Exposure routes	
Form	
Value	
Exposure time	
Target Organs	
Result	May cause respiratory irritation.
EINECS-No.	203-604-4
Chemical name	mesitylene
Species	
Method	
Exposure routes	Inhalation
Form	
Value	
Exposure time	
Target Organs	Respiratory system
Result	May cause respiratory irritation.
EINECS-No.	203-550-1
Chemical name	4-methylpentan-2-one
Species	
Method	
Exposure routes	Inhalation
Form	
Value	
Exposure time	
Target Organs	Respiratory system
Result	May cause respiratory irritation.
EINECS-No.	203-132-9
Chemical name	n-propylbenzene
Species	
Method	
Exposure routes	
Form	
Value	
Exposure time	
Target Organs	
Result	May cause respiratory irritation.
EINECS-No.	202-436-9
Chemical name	1,2,4-trimethylbenzene
Species	
Method	
Exposure routes	
Form	
Value	

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Exposure time	
Target Organs	
Result	May cause respiratory irritation.
EINECS-No.	918-668-5
Chemical name	solvent naphtha (petroleum), light arom. (<0,1% benzene)
Species	
Method	
Exposure routes	
Form	
Value	
Exposure time	
Target Organs	
Result	
EINECS-No.	918-668-5
Chemical name	solvent naphtha (petroleum), light arom. (<0,1% benzene)
Species	
Method	
Exposure routes	
Form	
Value	
Exposure time	
Target Organs	
Result	
EINECS-No.	204-658-1
Chemical name	n-butyl acetate
Species	
Method	
Exposure routes	
Form	
Value	
Exposure time	
Target Organs	Narcotic effects
Result	May cause drowsiness or dizziness.

## Specific target organ toxicity - repeated exposure

EINECS-No.	202-849-4
Chemical name	ethylbenzene
Species	
Method	
Exposure routes	
Form	
Value	
Exposure time	
Target Organs	
Result	May cause damage to organs through prolonged or repeated exposure.

## Carcinogenicity

Based on available data, the classification criteria are not met.

## Mutagenicity

Based on available data, the classification criteria are not met.

## Reproductive toxicity

Based on available data, the classification criteria are not met.

## Section 12. Ecological information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses. The data in this section is consistent with data from chemical safety reports available at the date of revision.

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## 12.1. Toxicity

### Aquatic toxicity

#### Acute toxicity aquatic invertebrates

EINECS-No.	Chemical name	Species	Type	Exposure time	Value	Method
918-668-5	solvent naphtha (petroleum), light arom. (<0,1% benzene)	Daphnia	EC50	24 h	170 mg/l	
202-436-9	1,2,4-trimethylbenzene	Daphnia	LC50	48 h	6 mg/l	
203-604-4	mesitylene	Daphnia	EC50	48 h	6 mg/l	
203-132-9	n-propylbenzene	Daphnia	EC50	24 h	2 mg/l	

#### Acute and extended toxicity of fishes

EINECS-No.	Chemical name	Species	Type	Exposure time	Value	Method
918-668-5	solvent naphtha (petroleum), light arom. (<0,1% benzene)	Danio rerio (zebra fish)	LC50	96 h	10 mg/l	
202-436-9	1,2,4-trimethylbenzene	Oncorhynchus mykiss (rainbow trout)	EC50	96 h	9.22 mg/l	
203-604-4	mesitylene	Carassius auratus (goldfish)	LC50	96 h	12.5 mg/l	

#### Toxicity with aquatic plants

EINECS-No.	Chemical name	Species	Type	Exposure time	Value	Method
918-668-5	solvent naphtha (petroleum), light arom. (<0,1% benzene)	Algae	EC50	72 h	10 mg/l	

Contains 2.0% of components with unknown hazards to the aquatic environment.

## 12.2. Persistence and degradability

No information available.

## 12.3. Bioaccumulative potential

No information available.

## 12.4. Mobility in soil

No information available.

## 12.5. Results of PBT and vPvB assessment

Based on available data no ingredient is classified for this hazard property (please see section 3).

## 12.6. Other adverse effects

The preparation has been assessed following the conventional method of the CLP Regulation 1272/2008/EC and is classified for eco-toxicological properties accordingly. See sections 2 and 3 for details.

### Adsorbed organic bound halogens (AOX)

Product does not contain organic linked halogens contributing to AOX.

## Section 13. Disposal considerations

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## 13.1. Waste treatment methods

Dispose of in accordance with local regulations.

### Product

Recommendation:

A disposal process that converts the waste into energy is recommended. If this is not possible the hazardous waste must be disposed of by incineration.

Waste Key Number	Description
08 01 11	waste paint and varnish containing organic solvents or other dangerous substances

## Uncleaned packaging

Recommendation:

Properly emptied containers are to be scrap processed or reconditioned. Improperly emptied containers are considered hazardous waste (waste key number 150110). Waste, including emptied containers, is controlled waste. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. If fully drained containers are compacted they can be regarded as Controlled Waste and disposed of in accordance with the requirements of the Control of Pollution Act 1974 and the Environmental Protection Act 1990 (GB), the Pollution Control and Local Government (NI) Order 1978 (NI) or of the EC (Waste) Regulations 1979 and the EC (Toxic & Dangerous Waste) Regulations 1982 (IRL).

## Section 14. Transport information

Transport only in accordance with the requirements of the Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labeling), ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

### 14.1. UN number

ADR/RID; IMDG; ICAO/IATA: 1263

### 14.2. UN proper shipping name

ADR/RID; IMDG; ICAO/IATA: PAINT RELATED MATERIAL

### 14.3. Transport hazard class(es)

#### Hazard class

ADR/RID; IMDG; ICAO/IATA: 3

#### Subsidiary hazard class

ADR/RID; IMDG; ICAO/IATA: Not applicable.

#### Labels



#### Tunnel restriction code

ADR/RID: D/E

#### Special Provisions

ADR/RID: 163, 367

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## Kemler Code

ADR/RID: 30

## Hazchem Code

ADR/RID: 3Y

## EmS

IMDG: F-E,S-E

## 14.4. Packaging group

ADR/RID; IMDG; ICAO/IATA: III

## 14.5. Environmental hazards

ADR/RID; IMDG; ICAO/IATA: yes



## Marine pollutant

IMDG: yes [solvent naphtha (petroleum), light arom. (<0,1% benzene)]

## 14.6. Special precautions for user

please see section 6 - 8

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

Deliveries shall only be made based on appropriate packaging and in compliance with traffic laws.

## Section 15. Regulatory information

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

#### National legislation

This safety datasheet has been prepared according to British legislation.

The product is labeled according to the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 as amended (CHIP Regulations). The risk associated with the use of this product must be assessed in accordance with the Control of Substances Hazardous to Health (COSHH) Regulations and the Dangerous Substances and Explosive Atmospheres Regulations.

Restricted to professional users.

### 15.2. Chemical safety assessment

No safety checks were carried out on the mixture.

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## Section 16. Other information

### Full text of H phrases with no. appearing in section 3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause 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.
EUH066	Repeated exposure may cause skin dryness or cracking.
Note 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.
Note H (Table 3.1)	The classification and labelling shown for this substance applies to the hazardous property(ies) indicated by the hazard statement(s) in combination with the hazard class(es) and category(ies) shown. The requirements of Article 4 for manufacturers, importers or downstream users of this substance apply to all other hazard classes and categories. For hazard classes where the route of exposure or the nature of the effects leads to a differentiation of the classification of the hazard class, the manufacturer, importer or downstream user is required to consider the routes of exposure or the nature of the effects not already considered. The final label shall follow the requirements of Article 17 and of section 1.2 of Annex I.
Note P	The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

### Information taken from reference works and the literature.

Substance No.	CAS no: <a href="http://support.cas.org/content/chemical-substances">http://support.cas.org/content/chemical-substances</a> <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC.	<a href="http://echa.europa.eu/search-for-chemicals">http://echa.europa.eu/search-for-chemicals</a> <a href="http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database">http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database</a> <a href="http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB">http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB</a> <a href="https://www.cdc.gov/niosh/ipcs/">https://www.cdc.gov/niosh/ipcs/</a>
Other directives, limitations and prohibitory regulations	Regulation (EC) No. 1907/2006 Directive 98/24/EC Directive 2004/37/EC  REGULATION (EC) No 1272/2008  EUR-LEX: <a href="http://eur-lex.europa.eu/homepage.html">http://eur-lex.europa.eu/homepage.html</a>
Exposure limit for the pure substance	<a href="http://osha.europa.eu/OSHA">http://osha.europa.eu/OSHA</a>

### Training advice

Regulation (EC) No. 1907/2006

Directive 98/24/EC

### Further information

The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.



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## Report version

Version	Changes
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29.0	8, 9, 11, 16
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## Annex - Exposure scenarios

Exposure scenario is still under development as assessment will be based on initial scenarios for used chemicals to be provided by manufacturers and importers.