



## SAFETY DATA SHEET - PAINTS

### TH 2 THINNERS

#### Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.  
Issue date: 1/3/2025 Revision date: 10/9/2025 Supersedes: 1/3/2025 Version: 1.1

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

##### 1.1. Product identifier

Product form	: Mixture
Trade name	: TH 2 THINNERS
EC-No.	: 215-535-7
CAS-No.	: 1330-20-7
Product code	: TH2
Formula	: C8H10

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

###### 1.2.1. Relevant identified uses

Main use category	: Professional use
Use of the substance/mixture	: PAINT THINNER

###### 1.2.2. Uses advised against

No additional information available

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

Witham Group  
Outer Circle Road  
LN2 4HL Lincoln – Lincolnshire  
United Kingdom  
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#### 1.4. Emergency telephone number

Emergency number : 01522 521192 (Monday to Thursday 8.00-17.00, Friday 8.00-16.30)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification according to GB CLP (SI 2019:720 as amended)

Flammable liquids, Category 3	H226
Acute toxicity (dermal), Category 4	H312
Acute toxicity (inhalation:dust,mist) Category 4	H332
Skin corrosion/irritation, Category 2	H315

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Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335
Specific target organ toxicity – Repeated exposure, Category 2	H373
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GHS UK)



Signal word (GHS UK)

: Danger

Contains

: XYLENE; ETHYLBENZENE

Hazard statements (GHS UK)

: 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.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (GHS UK)

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

P260 - Do not breathe dust, fume, gas, mist, vapours or spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P391 - Collect spillage.

P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.





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#### 2.3. Other hazards

##### Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII	XYLENE (1330-20-7), ETHYLBENZENE (100-41-4)
Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII	XYLENE (1330-20-7), ETHYLBENZENE (100-41-4)

##### Results of Endocrine Disruptor assessment

Component	
Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP	XYLENE(1330-20-7), ETHYLBENZENE(100-41-4)

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
XYLENE	CAS-No.: 1330-20-7 EC-No.: 215-535-7	≥ 90	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Skin Irrit. 2, H315 Aquatic Chronic 2, H411



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Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
ETHYLBENZENE	CAS-No.: 100-41-4 EC-No.: 202-849-4	≥ 10 – < 20	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

#### Comments

: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more titanium dioxide which is in the form of or incorporated into particles with an aerodynamic diameter of less than or equal to 10um.

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general

: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. Place unconscious person on their side in the recovery position and ensure breathing can take place.

First-aid measures after skin contact

: Remove affected person from source of contamination. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Continue to rinse for at least 15 minutes and get medical attention.

First-aid measures after eye contact

: Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

First-aid measures after ingestion

: Do not induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects

: Get medical attention promptly if symptoms occur after washing.

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

Treat symptomatically.

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#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : This product is flammable.  
Explosion hazard : May form flammable/explosive vapour-air mixture.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

##### 5.3. Advice for firefighters

Precautionary measures fire : Eliminate all ignition sources if safe to do so. Evacuate area.  
Firefighting instructions : Prevent fire fighting water from entering the environment.  
Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. EN 469.

#### SECTION 6: Accidental release measures

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

###### 6.1.1. For non-emergency personnel

Emergency procedures : Do not breathe vapours. Ventilate spillage area. No flames, no sparks. Eliminate all sources of ignition. See section 8 of the SDS for more information on personal protective equipment.

###### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.  
Emergency procedures : Cover spill with non combustible material, e.g.: sand/earth.

##### 6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

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

For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite.  
Methods for cleaning up : Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal.  
Other information : Dispose of materials or solid residues at an authorized site.

##### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

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#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

Additional hazards when processed

: In use, may form flammable vapour-air mixture.

Precautions for safe handling

: Provide good ventilation in process area to prevent formation of vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not eat, drink or smoke when using this product.

Hygiene measures

: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions

: Store in a well-ventilated place. Keep container tightly closed.

Incompatible products

: Oxidizing agent. Strong acids. Strong bases.

Incompatible materials

: Sources of ignition.

Storage temperature

: 5 – 25 °C Deg C

Heat and ignition sources

: Keep away from open flames, hot surfaces and sources of ignition.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in section 1.2.

#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

###### 8.1.1 National occupational exposure and biological limit values

No additional information available

###### 8.1.2. Recommended monitoring procedures

No additional information available

###### 8.1.3. Air contaminants formed

No additional information available

###### 8.1.4. DNEL and PNEC

###### XYLENE (1330-20-7)

###### DNEL/DMEL (Workers)

Acute - systemic effects, inhalation	442 mg/m <sup>3</sup>
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XYLENE (1330-20-7)	
Acute - local effects, inhalation	442 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	212 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	221 mg/m <sup>3</sup>
Long-term - local effects, inhalation	221 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	260 mg/m <sup>3</sup>
Acute - local effects, inhalation	260 mg/m <sup>3</sup>
Long-term - systemic effects, oral	12.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	65.3 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day
Long-term - local effects, inhalation	65.3 mg/m <sup>3</sup>
PNEC (Water)	
PNEC aqua (freshwater)	0.327 mg/l
PNEC aqua (marine water)	0.327 mg/l
PNEC aqua (intermittent, freshwater)	0.327 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	12.46 mg/kg dwt
PNEC sediment (marine water)	12.46 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.31 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	6.58 mg/l
ETHYLBENZENE (100-41-4)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	293 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	180 mg/kg bodyweight/day

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ETHYLBENZENE (100-41-4)	
Long-term - systemic effects, inhalation	77 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	1.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	15 mg/m <sup>3</sup>
PNEC (Water)	
PNEC aqua (freshwater)	0.1 mg/l
PNEC aqua (marine water)	0.01 mg/l
PNEC aqua (intermittent, freshwater)	0.1 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	13.7 mg/kg dwt
PNEC sediment (marine water)	1.37 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.68 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	0.02 g/kg food
PNEC (STP)	
PNEC sewage treatment plant	9.6 mg/l

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Provide local exhaust or general room ventilation.



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#### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:**

Protective goggles (EN 166)

#### 8.2.2.2. Skin protection

**Skin and body protection:**

Long sleeved protective clothing

**Hand protection:**

Protective gloves against chemicals (EN 374)

#### Hand protection

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
repeated exposure	Butyl rubber, Polyethylene (PE) /	4 (> 120 minutes)	0.35		EN ISO 374

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Clear liquid.
Colour	: Colourless.
Odour	: Hydrocarbon.

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Odour threshold	: Not available
pH	: Not available
Melting point	: - 39.3 °C
Freezing point	: Not available
Boiling point	: Not available
Flash point	: 27 – 32 °C Setaflash closed cup.
Relative evaporation rate (butylacetate=1)	: 0.77
Flammability	: Not available
Lower explosion limit	: 0.8 vol %
Upper explosion limit	: 6.7 vol %
Vapour pressure	: 0.82 kPa 20 Deg C
Vapour pressure at 50°C	: Not available
Relative vapour density at 20°C	: 3.7
Relative density	: 0.865 20 Deg C
Density	: Not available
Solubility	: Material insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: 3.12
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: 488 °C
Decomposition temperature	: Not available
Viscosity, kinematic	: 0.008 mm²/s 40 Deg C
Explosive properties	: Not available

#### 9.2. Other information

VOC content	: 865 g/l
Particle characteristics	: Not applicable

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

Not established.

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#### 10.4. Conditions to avoid

Avoid open fire or flames. Avoid formation of vapours. No flames, no sparks. Eliminate all sources of ignition. No smoking.

#### 10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. May liberate toxic gases.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Harmful in contact with skin.
Acute toxicity (inhalation)	: Inhalation:dust,mist: Harmful if inhaled.

#### TH 2 THINNERS (1330-20-7)

ATE UK (Dermal)	1100 mg/kg bodyweight
ATE UK (dust, mist)	1.5 mg/l/4h

#### XYLENE (1330-20-7)

LD50 oral rat	3523 mg/kg Source: ECHA
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male
LC50 Inhalation - Rat [ppm]	5922 ppm

#### ETHYLBENZENE (100-41-4)

LD50 oral rat	≈ 3500 mg/kg bodyweight Animal: rat
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)

#### XYLENE (1330-20-7)

IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)

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STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
<b>XYLENE (1330-20-7)</b>	
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
<b>ETHYLBENZENE (100-41-4)</b>	
NOAEL (oral, rat, 90 days)	75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.

<b>TH 2 THINNERS (1330-20-7)</b>	
Viscosity, kinematic	0.008 mm <sup>2</sup> /s 40 Deg C

#### Other information

No additional information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

<b>XYLENE (1330-20-7)</b>	
LC50 - Fish [1]	2.6 mg/l Source: ECHA
EC50 - Crustacea [1]	> 3.4 mg/l Test organisms (species): Ceriodaphnia dubia
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'

<b>ETHYLBENZENE (100-41-4)</b>	
LC50 - Fish [1]	5.1 mg/l Test organisms (species): Menidia menidia

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#### ETHYLBENZENE (100-41-4)

EC50 72h - Algae [1]	5.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	4.9 mg/l Test organisms (species): Skeletonema costatum
EC50 96h - Algae [1]	3.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	7.7 mg/l Test organisms (species): Skeletonema costatum
LOEC (chronic)	1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
NOEC (chronic)	0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'

#### 12.2. Persistence and degradability

#### TH 2 THINNERS (1330-20-7)

Persistence and degradability	The product is not expected to be biodegradable.
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#### XYLENE (1330-20-7)

Persistence and degradability	Not rapidly degradable
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#### ETHYLBENZENE (100-41-4)

Persistence and degradability	Not rapidly degradable
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#### 12.3. Bioaccumulative potential

#### TH 2 THINNERS (1330-20-7)

Partition coefficient n-octanol/water (Log Pow)	3.12
Bioaccumulative potential	Not established.

#### XYLENE (1330-20-7)

Partition coefficient n-octanol/water (Log Pow)	3.15 Source: HSDB
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#### 12.4. Mobility in soil

#### TH 2 THINNERS (1330-20-7)

Ecology - soil	The product contains volatile organic compounds(voc) which will evaporate easily from all surfaces.
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#### 12.5. Results of PBT and vPvB assessment

Component	
XYLENE (1330-20-7)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
ETHYLBENZENE (100-41-4)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII

#### 12.6. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

#### TH 2 THINNERS (1330-20-7)

Other information	The product contains volatile organic compounds(vos's) which have a photochemical ozone creation potential.
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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Discharging into rivers and drains is forbidden. Dispose in a safe manner in accordance with local/national regulations.
Ecological waste information	: Avoid release to the environment.
European List of Waste (LoW, EC 2000/532)	: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances 15 01 02 - plastic packaging 15 01 04 - metallic packaging



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HP Code

: HP3 - "Flammable:"

- flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
- flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.

HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1307	UN 1307	UN 1307	UN 1307	UN 1307
<b>14.2. UN proper shipping name</b>				
XYLENES (XYLENES)	XYLENES (XYLENES)	Xylenes (XYLENES)	XYLENES (XYLENES)	XYLENES (XYLENES)
<b>Transport document description</b>				
UN 1307 XYLENES (XYLENES), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1307 XYLENES (XYLENES), 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS (23°C c.c.)	UN 1307 Xylenes (XYLENES), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1307 XYLENES (XYLENES), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1307 XYLENES (XYLENES), 3, III, ENVIRONMENTALLY HAZARDOUS

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ADR	IMDG	IATA	ADN	RID
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	3
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

#### 14.6. Special precautions for user

##### Overland transport

Classification code (ADR)	:	F1
Limited quantities (ADR)	:	5I
Excepted quantities (ADR)	:	E1
Packing instructions (ADR)	:	P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	:	MP19
Portable tank and bulk container instructions (ADR)	:	T2
Portable tank and bulk container special provisions (ADR)	:	TP1
Tank code (ADR)	:	LGBF
Vehicle for tank carriage	:	FL
Transport category (ADR)	:	3
Special provisions for carriage - Packages (ADR)	:	V12
Special provisions for carriage - Operation (ADR)	:	S2
Hazard identification number (Kemler No.)	:	30
Orange plates	:	
Tunnel restriction code (ADR)	:	D/E
EAC code	:	3Y

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#### Transport by sea

Special provisions (IMDG)	:	223
Limited quantities (IMDG)	:	5 L
Excepted quantities (IMDG)	:	E1
Packing instructions (IMDG)	:	P001, LP01
IBC packing instructions (IMDG)	:	IBC03
Tank instructions (IMDG)	:	T2
Tank special provisions (IMDG)	:	TP1
EmS-No. (Fire)	:	F-E
EmS-No. (Spillage)	:	S-D
Stowage category (IMDG)	:	A
Flash point (IMDG)	:	23°C to 30°C c.c.
Properties and observations (IMDG)	:	Colourless liquids. Flashpoint: 23°C to 30°C c.c. Explosive limits: 1.1% to 7%. Immiscible with water.

#### Air transport

PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y344
PCA limited quantity max net quantity (IATA)	:	10L
PCA packing instructions (IATA)	:	355
PCA max net quantity (IATA)	:	60L
CAO packing instructions (IATA)	:	366
CAO max net quantity (IATA)	:	220L
Special provisions (IATA)	:	A3
ERG code (IATA)	:	3L

#### Inland waterway transport

Classification code (ADN)	:	F1
Limited quantities (ADN)	:	5 L
Excepted quantities (ADN)	:	E1
Carriage permitted (ADN)	:	T
Equipment required (ADN)	:	PP, EX, A
Ventilation (ADN)	:	VE01
Number of blue cones/lights (ADN)	:	0

#### Rail transport

Classification code (RID)	:	F1
Limited quantities (RID)	:	5L
Excepted quantities (RID)	:	E1
Packing instructions (RID)	:	P001, IBC03, LP01, R001
Mixed packing provisions (RID)	:	MP19
Portable tank and bulk container instructions (RID)	:	T2

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Portable tank and bulk container special provisions : TP1  
(RID)

Tank codes for RID tanks (RID) : LGBF

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Colis express (express parcels) (RID) : CE4

Hazard identification number (RID) : 30

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

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. National regulations

##### UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

##### UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

##### UK REACH Candidate List (SVHC)

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC) above the 0.1% level of disclosure

##### GB PIC Regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

##### POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

##### Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

##### Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations

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#### Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

#### Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

#### 15.1.2. Other Information

VOC content : 865 g/l

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

#### Abbreviations and acronyms:

CAS-No.	Chemical Abstract Service number
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IOELV	Indicative Occupational Exposure Limit Value

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#### Safety Data Sheet

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#### Abbreviations and acronyms:

LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
N.O.S.	Not Otherwise Specified
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
TRGS	Technical Rules for Hazardous Substances
ThOD	Theoretical oxygen demand (ThOD)
VOC	Volatile Organic Compounds
WGK	Water Hazard Class
vPvB	Very Persistent and Very Bioaccumulative

Data sources

: Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. ECHA (European Chemicals Agency).

Other information

: Technical Manager.

#### Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
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#### Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
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.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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