



# Rustins Xylene Thinners

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 11/7/2017 Revision date: 12/4/2023 Supersedes version of: 5/26/2022 Version: 14.0

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

#### 1.1. Product identifier

Product form : Substance (UVCB)  
Trade name : Rustins Xylene Thinners  
IUPAC name : Xylene  
EC-No. : 215-535-7  
CAS-No. : 1330-20-7  
Product code : THXY  
Type of product : Solvents  
Product group : End product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Professional use, Consumer use  
Use of the substance/mixture : Solvents  
Function or use category : Solvents

##### 1.2.2. Uses advised against

No additional information available

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

##### Manufacturer

Rustins Ltd  
Waterloo raod  
NW2 7TX London  
United Kingdom  
T +442084504666, F +44 (0)208 452 2008  
[rustins@rustins.co.uk](mailto:rustins@rustins.co.uk), [rustins.ltd](http://rustins.ltd)

##### Distributor

Excellence Ltd  
43 Grange Parade,  
Unit 43  
Baldoyle Industrial Estate,  
D13 Y860 Dublin  
Ireland  
T 00353 (0)1 8323300, F 00353 (0)1 8323584  
[Orders@excellence.ie](mailto:Orders@excellence.ie), [www.excellence.ie](http://www.excellence.ie)

#### 1.4. Emergency telephone number

Emergency number : +44(0)2084504666  
OFFICE HOURS ONLY MON. - FRI. 08:00 - 16.30

| Country/Area   | Organisation/Company   | Address                           | Emergency number   | Comment                              |
|----------------|--|-----------------------------------|--|--------------------------------------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                     | PO Box 1297<br>Beaumont Road<br>9 | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |                                      |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH            | 0344 892 0111  | Only for healthcare<br>professionals |

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226  
Acute toxicity (dermal), Category 4 H312  
Acute toxicity (inhalation:vapour) Category 4 H332

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Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Specific target organ toxicity – Single exposure, Category 3, H335  
Respiratory tract irritation  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
Hazardous to the aquatic environment – Chronic Hazard, H412  
Category 3  
Full text of H- and EUH-statements: see section 16

### Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation.

## 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

Hazard statements (CLP)

Precautionary statements (CLP)

: Warning  
: H226 - Flammable liquid and vapour.  
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.  
H412 - Harmful to aquatic life with long lasting effects.  
: P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a POISON CENTRE or doctor if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Substance type : UVCB  
Name : Rustins Xylene Thinners  
CAS-No. : 1330-20-7  
EC-No. : 215-535-7

| Name   | Product identifier  | %    |
|--------|---|------|
| xylene | CAS-No.: 1330-20-7<br>EC-No.: 215-535-7<br>EC Index-No.: 601-022-00-9<br>REACH-no: 01-2119475791-29 | ≥ 90 |

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

#### 3.2. Mixtures

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.  
First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : Irritation.

#### 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 : Water spray. Dry powder. Foam. Carbon dioxide.

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

Fire hazard : Flammable liquid and vapour.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

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

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

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Ground/bond container and receiving equipment.

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

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

| Rustins Xylene Thinners (1330-20-7)    |                       |
|--|-----------------------|
| Ireland - Occupational Exposure Limits |                       |
| Local name                             | Xylene, mixed isomers |
| OEL TWA                                | 221 mg/m <sup>3</sup> |
|  | 50 ppm                |
| OEL STEL                               | 442 mg/m <sup>3</sup> |

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| <b>Rustins Xylene Thinners (1330-20-7)</b>           |  |
|--|--|
|  | 100 ppm  |
| Remark   | Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body), IOELV (Indicative Occupational Exposure Limit Values) |
| Regulatory reference                                 | Chemical Agents Code of Practice 2021  |
| <b>Ireland - Biological limit values</b>             |  |
| Local name   | Xylene   |
| BMGV   | 1.5 g/g creatinine Parameter: methylhippuric acids - Medium: urine - Sampling time: End of Shift   |
| Regulatory reference                                 | Biological Monitoring Guidelines (HSA, 2011)   |
| <b>United Kingdom - Occupational Exposure Limits</b> |  |
| Local name   | Xylene   |
| WEL TWA (OEL TWA)                                    | 220 mg/m <sup>3</sup> o-,m-,p- or mixed isomers<br>50 ppm o-,m-,p- or mixed isomers  |
| WEL STEL (OEL STEL)                                  | 441 mg/m <sup>3</sup> o-,m-,p- or mixed isomers<br>100 ppm o-,m-,p- or mixed isomers   |
| Remark   | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)                              |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE  |
| <b>United Kingdom - Biological limit values</b>      |  |
| Local name   | Xylene, o-, m-, p- or mixed isomers  |
| BMGV   | 650 mmol/mol Creatinine Parameter: methyl hippuric acid - Medium: urine - Sampling time: Post shift  |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE  |
| <b>xylene (1330-20-7)</b>                            |  |
| <b>Ireland - Occupational Exposure Limits</b>        |  |
| Local name   | Xylene, mixed isomers  |
| OEL TWA  | 221 mg/m <sup>3</sup><br>50 ppm  |
| OEL STEL   | 442 mg/m <sup>3</sup><br>100 ppm   |
| Remark   | Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body), IOELV (Indicative Occupational Exposure Limit Values) |
| Regulatory reference                                 | Chemical Agents Code of Practice 2021  |
| <b>Ireland - Biological limit values</b>             |  |
| Local name   | Xylene   |
| BMGV   | 1.5 g/g creatinine Parameter: methylhippuric acids - Medium: urine - Sampling time: End of Shift   |
| Regulatory reference                                 | Biological Monitoring Guidelines (HSA, 2011)   |
| <b>United Kingdom - Occupational Exposure Limits</b> |  |
| Local name   | Xylene   |

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| <b>xylene (1330-20-7)</b>                       |   |
|---|---|
| WEL TWA (OEL TWA)                               | 220 mg/m <sup>3</sup> o-,m-,p- or mixed isomers   |
|   | 50 ppm o-,m-,p- or mixed isomers  |
| WEL STEL (OEL STEL)                             | 441 mg/m <sup>3</sup> o-,m-,p- or mixed isomers   |
|   | 100 ppm o-,m-,p- or mixed isomers   |
| Remark  | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |
| Regulatory reference                            | EH40/2005 (Fourth edition, 2020). HSE   |
| <b>United Kingdom - Biological limit values</b> |   |
| Local name                                      | Xylene, o-, m-, p- or mixed isomers   |
| BMGV  | 650 mmol/mol Creatinine Parameter: methyl hippuric acid - Medium: urine - Sampling time: Post shift   |
| Regulatory reference                            | EH40/2005 (Fourth edition, 2020). HSE   |

### 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

| <b>Rustins Xylene Thinners (1330-20-7)</b> |                           |
|--|---------------------------|
| <b>DNEL/DMEL (Workers)</b>                 |                           |
| Acute - systemic effects, inhalation       | 442 mg/m <sup>3</sup>     |
| 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>     |
| <b>DNEL/DMEL (General population)</b>      |                           |
| 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>    |
| <b>PNEC (Water)</b>                        |                           |
| PNEC aqua (freshwater)                     | 0.327 mg/l                |
| PNEC aqua (marine water)                   | 0.327 mg/l                |
| PNEC aqua (intermittent, freshwater)       | 0.327 mg/l                |
| <b>PNEC (Sediment)</b>                     |                           |
| PNEC sediment (freshwater)                 | 12.46 mg/kg dwt           |
| PNEC sediment (marine water)               | 12.46 mg/kg dwt           |
| <b>PNEC (Soil)</b>                         |                           |
| PNEC soil                                  | 2.31 mg/kg dwt            |

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### Rustins Xylene Thinners (1330-20-7)

#### PNEC (STP)

|                             |           |
|-----------------------------|-----------|
| PNEC sewage treatment plant | 6.58 mg/l |
|-----------------------------|-----------|

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Protective clothing.

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

##### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

#### Skin and body protection

| Type            | Standard |
|-----------------|----------|
| Reusable gloves | EN 374   |

##### Hand protection:

Protective gloves

##### 8.2.2.3. Respiratory protection

##### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                 |                            |
|-----------------|----------------------------|
| Physical state  | : Liquid                   |
| Colour          | : Colourless.              |
| Appearance      | : Clear, colorless liquid. |
| Odour           | : Pungent.                 |
| Odour threshold | : Not available            |

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|   |   |
|---|---|
| Melting point                                   | : -47   |
| Freezing point                                  | : Not available   |
| Boiling point                                   | : 137 °C  |
| Flammability                                    | : Not applicable  |
| Lower explosion limit                           | : Not available   |
| Upper explosion limit                           | : Not available   |
| Flash point                                     | : 23 °C   |
| Auto-ignition temperature                       | : No data available.  |
| Decomposition temperature                       | : Not available   |
| pH  | : 7   |
| Viscosity, kinematic                            | : Not available   |
| Solubility                                      | : Material insoluble in water. Soluble in aliphatic hydrocarbons. Soluble in aromatic hydrocarbons.<br>Water: INSOLUBLE |
| Partition coefficient n-octanol/water (Log Kow) | : Not available   |
| Vapour pressure                                 | : Not available   |
| Vapour pressure at 50°C                         | : Not available   |
| Density   | : 0.86  |
| Relative density                                | : 0.86 0.8600@ 20 C   |
| Relative vapour density at 20°C                 | : No data available.  |
| Particle characteristics                        | : Not applicable  |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 860 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |  |
|-----------------------------|--|
| Acute toxicity (oral)       | : Not classified                         |
| Acute toxicity (dermal)     | : Harmful in contact with skin.          |
| Acute toxicity (inhalation) | : Inhalation:vapour: Harmful if inhaled. |



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### Rustins Xylene Thinners (1330-20-7)

|                    |   |
|--------------------|---|
| LD50 dermal rabbit | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other: |
|--------------------|---|

### xylene (1330-20-7)

|                    |   |
|--------------------|---|
| LD50 dermal rabbit | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other: |
|--------------------|---|

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 7        |
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 7 |
| Respiratory or skin sensitisation | : Not classified                          |
| Germ cell mutagenicity            | : Not classified                          |
| Carcinogenicity                   | : Not classified                          |
| Reproductive toxicity             | : Not classified                          |
| STOT-single exposure              | : May cause respiratory irritation.       |

### xylene (1330-20-7)

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

|                        |  |
|------------------------|--|
| STOT-repeated exposure | : May cause damage to organs through prolonged or repeated exposure. |
|------------------------|--|

### Rustins Xylene Thinners (1330-20-7)

|                            |   |
|----------------------------|---|
| 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) |
|----------------------------|---|

### xylene (1330-20-7)

|                            |   |
|----------------------------|---|
| 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) |
|----------------------------|---|

|                        |  |
|------------------------|--|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
|------------------------|--|

|                   |                  |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.  |

### Rustins Xylene Thinners (1330-20-7)

|                      |  |
|----------------------|--|
| 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' |

### xylene (1330-20-7)

|                      |  |
|----------------------|--|
| 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' |

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### xylene (1330-20-7)

|                   |  |
|-------------------|--|
| NOEC chronic fish | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d' |
|-------------------|--|

### 12.2. Persistence and degradability

#### Rustins Xylene Thinners (1330-20-7)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### xylene (1330-20-7)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Additional information : Flammable vapours may accumulate in the container.

## SECTION 14: Transport information






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

| ADR                                     | IMDG                                | IATA                    | ADN                     | RID                     |
|---|-------------------------------------|-------------------------|-------------------------|-------------------------|
| <b>14.1. UN number or ID 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                 |
| <b>Transport document description</b>   |                                     |                         |                         |                         |
| UN 1307 XYLENES, 3, III, (D/E)          | UN 1307 XYLENES, 3, III (23°C c.c.) | UN 1307 Xylenes, 3, III | UN 1307 XYLENES, 3, III | UN 1307 XYLENES, 3, III |
| <b>14.3. Transport hazard class(es)</b> |                                     |                         |                         |                         |
| 3                                       | 3                                   | 3                       | 3                       | 3                       |

# Rustins Xylene Thinners

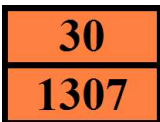
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| ADR   | IMDG  | IATA  | ADN   | RID   |
|---|---|---|---|---|
|  |  |  |  |  |
| <b>14.4. Packing group</b>  |   |   |   |   |
| III   | III   | III   | III   | III   |
| <b>14.5. Environmental hazards</b>  |   |   |   |   |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                         | Dangerous for the environment: No   | Dangerous for the environment: No   | Dangerous for the environment: No   |
| 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  |

#### 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  |

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|                                 |        |
|---------------------------------|--------|
| 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                      |
| Portable tank and bulk container special provisions (RID) | : TP1                     |
| 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. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

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

Not listed on REACH Annex XVII

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

Not listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

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

Not listed on the PIC list (Regulation EU 649/2012)

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

Not listed on the POP list (Regulation EU 2019/1021)

##### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

##### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

##### VOC Directive (2004/42)

|                 |           |
|-----------------|-----------|
| Organic solvent | : Yes     |
| VOC content     | : 860 g/l |

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### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|        |   |
|--------|---|
| 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)   |
| COD    | Chemical oxygen demand (COD)  |
| DMEL   | Derived Minimal Effect level  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| EC50   | Median effective concentration  |
| EN     | European Standard   |
| IARC   | International Agency for Research on Cancer   |
| IATA   | International Air Transport Association   |
| IMDG   | International Maritime Dangerous Goods  |
| LC50   | Median lethal concentration   |
| LD50   | Median lethal dose  |
| LOAEL  | Lowest Observed Adverse Effect Level  |
| 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   |
| RID    | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS    | Safety Data Sheet   |
| STP    | Sewage treatment plant  |

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| Abbreviations and acronyms: |  |
|-----------------------------|--|
| ThOD                        | Theoretical oxygen demand (ThOD)         |
| TLM                         | Median Tolerance Limit                   |
| VOC                         | Volatile Organic Compounds               |
| CAS-No.                     | Chemical Abstract Service number         |
| N.O.S.                      | Not Otherwise Specified                  |
| vPvB                        | Very Persistent and Very Bioaccumulative |
| ED                          | Endocrine disrupting properties          |

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4  |
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4  |
| Acute Tox. 4 (Inhalation:vapour)    | Acute toxicity (inhalation:vapour) Category 4  |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3                          |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2  |
| Flam. Liq. 3                        | Flammable liquids, Category 3  |
| 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.                         |
| H412                                | Harmful to aquatic life with long lasting effects.   |
| 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 |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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.