

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : ADAPT Medical Adhesive  
Product code : 7730

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Use of the substance/mixture : Medical Adhesive

**1.2.2. Uses advised against**

No additional information available

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

Hollister ULC  
Foxford Road  
Rehins, Ballina  
County Mayo, Ireland F26 F3X5  
Tel: +353 96 60600  
Email: [baehsinfo@Hollister.com](mailto:baehsinfo@Hollister.com)  
Manufacturer web: [www.hollister.com](http://www.hollister.com)

Global corporate headquarters  
Hollister Incorporated  
2000 Hollister Drive  
Libertyville, Illinois 60048  
+1-847-680-1000

[www.Hollister.com](http://www.Hollister.com)

**1.4. Emergency telephone number**

Emergency number : +1-847-680-1000

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aerosol, Category 1 H222;H229  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410  
Full text of H statements : see section 16

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

Extremely flammable aerosol. Pressurised container: May burst if heated. Very toxic to aquatic life with long lasting effects.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS02

GHS09

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H410 - Very toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P273 - Avoid release to the environment.  
P391 - Collect spillage.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 2.3. Other hazards

other hazards which do not result in classification : A safety data sheet is not required for this product and has been provided as a service to our customers.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hexamethyldisiloxane	(CAS-No.) 107-46-0 (EC-No.) 203-492-7	80.5 – 100	Flam. Liq. 2, H225 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
xylene substance with a Community workplace exposure limit	(CAS-No.) 1330-20-7 (EC-No.) 215-535-7 (EC Index-No.) 601-022-00-9	0.015 – 0.027	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
ethylbenzene substance with a Community workplace exposure limit	(CAS-No.) 100-41-4 (EC-No.) 202-849-4 (EC Index-No.) 601-023-00-4	0.0015 – 0.0027	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Asp. Tox. 1, H304 Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : If experiencing respiratory symptoms: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Not expected to present a significant hazard under anticipated conditions of normal use. If skin irritation or rash occurs: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : Overexposure to vapours may result in cough.

Symptoms/effects after eye contact : May cause slight temporary irritation.

### 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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Extremely flammable aerosol. On combustion, forms: carbon oxides (CO and CO<sub>2</sub>).  
Explosion hazard : Pressurised container: May burst if heated.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  
Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

### 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.

##### 6.1.2. For emergency responders

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Ventilate area. Take precautionary measures against static discharge. Wipe up remaining liquid with absorbent material (for example cloth).

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Container remains hazardous when empty. Continue to observe all precautions.  
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 pierce or burn, even after use.  
Hygiene measures : Do not smoke while handling product. Use good personal hygiene practices. Wash hands thoroughly after handling.

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

Storage conditions : Keep cool. Do not overheat the product. Keep out of direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
Incompatible materials : Oxidizing materials. Reducing agents.

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

See Heading 1.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

xylene (1330-20-7)	
<b>EU - Occupational Exposure Limits</b>	
Local name	Xylene, mixed isomers, pure
IOELV TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
IOELV TWA (ppm)	50 ppm
IOELV STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
IOELV STEL (ppm)	100 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
<b>Belgium - Occupational Exposure Limits</b>	
Local name	Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver
Limit value [mg/m <sup>3</sup> ]	221 mg/m <sup>3</sup>
Limit value [ppm]	50 ppm
Short time value [mg/m <sup>3</sup> ]	442 mg/m <sup>3</sup>
Short time value [ppm]	100 ppm
Remark (BE)	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
OEL chemical category (BE)	Skin, Skin notation pure
Regulatory reference	Koninklijk besluit/Arrêté royal 21/01/2020
<b>Bulgaria - Occupational Exposure Limits</b>	
Local name	Ксилен (смес от изомери), чист
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
Notes	Кожа (възможна е значителна резорбция чрез кожата); • (Химични агенти, за които са определени гранични стойности във въздуха на работната среда за Европейската общност)
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр.5 от 17 Януари 2020 г.)
<b>Croatia - Occupational Exposure Limits</b>	
Local name	Ksilen (svi izomeri)
GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
GVI (granična vrijednost izloženosti) (ppm)	50 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	100 ppm

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<b>xylene (1330-20-7)</b>	
Naznake (HR)	Direktiva: 2000/39/EZ. Napomena: Koža (razvrstana kao tvar koja nadražuje kožu (H315))
Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 91/2018)
<b>Croatia - Biological limit values</b>	
Local name	Ksilen
Croatia - BLV	14.13 µmol/l Karakteristični pokazatelj: ksilen - Biološki uzorak: krv - Vrijeme uzorkovanja: na kraju radne smjene - Napomena: uzimanje alkohola prije izloženosti ksilenu povisuje nalaz 1.5 mg/l Karakteristični pokazatelj: ksilen - Biološki uzorak: krv - Vrijeme uzorkovanja: na kraju radne smjene - Napomena: uzimanje alkohola prije izloženosti ksilenu povisuje nalaz 0.88 mol/mol Creatinine Karakteristični pokazatelj: metilhipurna kiselina - Biološki uzorak: mokraća - Vrijeme uzorkovanja: na kraju radne smjene 1.5 g/g creatinine Karakteristični pokazatelj: metilhipurna kiselina - Biološki uzorak: mokraća - Vrijeme uzorkovanja: na kraju radne smjene
Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 91/2018)
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
OEL chemical category (CY)	Skin-potential for cutaneous absorption
<b>Czech Republic - Occupational Exposure Limits</b>	
Local name	Xylen technická směs isomerů a všechny isomery
Expoziční limity (PEL) (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Expoziční limity (PEL) (ppm)	45 ppm
Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	400 mg/m <sup>3</sup>
Expoziční limity (NPK-P) (ppm)	90 ppm
Remark (CZ)	B - u látky je zaveden biologický expoziční test (BET) v moči nebo krvi, D - při expozici se významně uplatňuje pronikání faktoru kůží, I - dráždí sliznice (oči, dýchací cesty), respektive kůži.
OEL chemical category (CZ)	Potential for cutaneous absorption
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 41/2020 Sb.)
<b>Czech Republic - Biological limit values</b>	
Local name	Xyleny
Czech Republic - BLV	1400 mg/g creatinine Ukazatel: Methylhipurová kyselina - Biološki uzorak: moči - Doba odběru: konec směny 820 µmol/mmol Creatinine Ukazatel: Methylhipurová kyselina - Biološki uzorak: moči - Doba odběru: konec směny
Regulatory reference	Vyhláška č. 107/2013 Sb. (kterou se mění vyhláška č. 432/2003 Sb.)
<b>Denmark - Occupational Exposure Limits</b>	
Local name	Xylen (Dimethylbenzen), alle isomere
Grænsevædi (8 timer) (mg/m <sup>3</sup> )	109 mg/m <sup>3</sup>
Grænsevædi (8 timer) (ppm)	25 ppm
Grænsevædi (STEL) (mg/m <sup>3</sup> )	218 mg/m <sup>3</sup>

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<b>xylene (1330-20-7)</b>	
Grænsevædi (STEL) (ppm)	50 ppm
Anmærkninger (DK)	E (betyder, at stoffet har en EF-grænseværdi); H (betyder, at stoffet kan optages gennem huden)
Regulatory reference	BEK nr 1458 af 13/12/2019
<b>Estonia - Occupational Exposure Limits</b>	
Local name	Ksüleen (dimetüülbenseen)
OEL TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
Remark (ET)	A (Naha kaudu kergesti imenduv aine)
OEL chemical category (ET)	Skin notation
Regulatory reference	Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 17.10.2019, 2); Vabariigi Valitsuse 10. märtsi 2019. a määruse nr 84
<b>Finland - Occupational Exposure Limits</b>	
Local name	Ksyleeni
HTP-arvo (8h) (mg/m <sup>3</sup> )	220 mg/m <sup>3</sup>
HTP-arvo (8h) (ppm)	50 ppm
HTP-arvo (15 min)	440 mg/m <sup>3</sup>
HTP-arvo (15 min) (ppm)	100 ppm
Huomautus (FI)	iho
OEL chemical category (FI)	Potential for cutaneous absorption
Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveysministeriö)
<b>Finland - Biological limit values</b>	
Local name	Ksyleeni
Finland - BLV	5 mmol/l Parametri: Virtsan metyylhippuurihappo - Näytteenottoajankohta: Työvuoron päätyttyä
Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveysministeriö)
<b>France - Occupational Exposure Limits</b>	
Local name	Xylène: mélange d'isomères
VME [mg/m <sup>3</sup> ]	221 mg/m <sup>3</sup>
VME [ppm]	50 ppm
VLE [mg/m <sup>3</sup> ]	442 mg/m <sup>3</sup>
VLE [ppm]	100 ppm
Note (FR)	Valeurs réglementaires contraignantes; risque de pénétration percutanée
OEL chemical category (FR)	Risk of cutaneous absorption
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
TRGS 900 Local name	Xylol (alle Isomeren)
Occupational exposure limit value (mg/m <sup>3</sup> )	440 mg/m <sup>3</sup>
Occupational exposure limit value (ppm)	100 ppm

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<b>xylene (1330-20-7)</b>	
Peak exposure limitation factor	2(II)
TRGS 900 Remark	DFG;EU;H
Chemical category	Skin notation all isomers
TRGS 900 Regulatory reference	TRGS900
<b>Germany - Biological limit values (TRGS 903)</b>	
TRGS 903 Local name	Xylol (alle Isomere)
TRGS 903 Biological limit value	1.5 mg/l Xylol (Blut; Expositionsende bzw. Schichtende) 2 mg/l Methylhippur-(Tolur-)säure (Urin; Expositionsende bzw. Schichtende)
TRGS 903 Regulatory reference	TRGS 903
<b>Gibraltar - Occupational Exposure Limits</b>	
Name of agent	Xylene, mixed isomers, pure
Eight hours mg/m <sup>3</sup>	221 mg/m <sup>3</sup>
Eight hours ppm	50 ppm
Short-term mg/m <sup>3</sup>	442 mg/m <sup>3</sup>
Short-term ppm	100 ppm
Notation	Skin
OEL chemical category (GI)	Skin notation pure
Regulatory reference	Factories (Control of Chemical Agents at Work) Regulations 2003 (LN. 2018/181)
<b>Greece - Occupational Exposure Limits</b>	
Local name	Ξυλόλια (όλα τα ισομερή)
OEL TWA (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	650 mg/m <sup>3</sup>
OEL STEL (ppm)	150 ppm
OEL chemical category (GR)	skin - potential for cutaneous absorption
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
<b>Hungary - Occupational Exposure Limits</b>	
Local name	XILOL izomerek keveréke
AK-érték	221 mg/m <sup>3</sup>
CK-érték	442 mg/m <sup>3</sup>
Megjegyzések (HU)	b (Bőrön át is felszívódik), BEM (biológiai expozíciós mutató); EU1 (2000/39/EK irányelvben közölt érték); R (Azok az anyagok, amelyek egészségkárosító hatása RÖVID expozíció hatására jelentkezik)
OEL chemical category (HU)	Potential for cutaneous absorption
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
<b>Hungary - Biological limit values</b>	
Local name	Xilol
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről

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<b>xylene (1330-20-7)</b>	
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Xylene, mixed isomers
OEL (8 hours ref) (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	50 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	100 ppm
Notes (IE)	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)
OEL chemical category (IE)	Potential for cutaneous absorption
Regulatory reference	Chemical Agents Code of Practice 2020
<b>Italy - Occupational Exposure Limits</b>	
Local name	Xilene, isomeri misti, puro
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
Notes	pelle
OEL chemical category (IT)	skin - potential for cutaneous absorption pure
Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
<b>Latvia - Occupational Exposure Limits</b>	
Local name	Ksilols (o-,m-,p-ksilols, dimetilbenzols)
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
Remark (LV)	Āda
OEL chemical category (LV)	skin - potential for cutaneous exposure
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325
<b>Lithuania - Occupational Exposure Limits</b>	
Local name	Ksilenas, mišrūs izomerai, grynas
IPRV (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
IPRV (ppm)	50 ppm
TPRV (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
TPRV (ppm)	100 ppm
Remark (LT)	O (medžiaga į organizmą gali prasiskverbti pro nepažeistą odą)
OEL chemical category (LT)	Skin notation
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)
<b>Luxembourg - Occupational Exposure Limits</b>	
Local name	Xylène, isomères mixtes, purs
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>



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<b>xylene (1330-20-7)</b>	
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
Regulatory reference	Mémorial A N° 684 de 2018 concernant la protection de la sécurité et de la santé des salariés contre les risques liés à des agents chimiques sur le lieu de travail
<b>Malta - Occupational Exposure Limits</b>	
Local name	Xylene, mixed isomers, pure # Xylene, Isomeri mhallta, puri
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
Remark (MT)	Skin # Ġilda
OEL chemical category (MT)	Possibility of significant uptake through the skin pure
Regulatory reference	S.L.424.24 - Chemical Agents at Work Regulations (L.N.57 of 2018)
<b>Netherlands - Occupational Exposure Limits</b>	
Local name	Xyleen, o-, m-, p-isomeren
Grenswaarde TGG 8H (mg/m <sup>3</sup> )	210 mg/m <sup>3</sup>
Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Remark (MAC)	H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen.
Regulatory reference	Arbeidsomstandighedenregeling 2020
<b>Poland - Occupational Exposure Limits</b>	
Local name	Ksilen mieszanina izomerów: 1,2-; 1,3-; 1,4-
NDS (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
NDSCh (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Remark (PL)	Skóra (Oznakowanie substancji notacją „skóra” oznacza, że wchłanianie substancji przez skórę może być tak samo istotne jak przy narażeniu drogą oddechową).
Regulatory reference	Dz. U. 2018 poz. 1286
<b>Portugal - Occupational Exposure Limits</b>	
Local name	Xileno (isómeros)
OEL TWA (ppm)	100 ppm
OEL STEL (ppm)	150 ppm
OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
Regulatory reference	Norma Portuguesa NP 1796:2014
<b>Portugal - Biological limit values</b>	
Local name	Xilenos (graus técnico e comercial)
Portugal (BEI)	1.5 g/g creatinine Parâmetro: Ácidos (o, m, p)-metilhipúricos - Meio: urina - Momento da amostragem: Fim do turno
Regulatory reference	Norma Portuguesa NP 1796:2014

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>xylene (1330-20-7)</b>	
<b>Romania - Occupational Exposure Limits</b>	
Local name	Xilen, izomer mixt, pur
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
OEL chemical category (RO)	Skin notation pure
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 157/2020)
<b>Romania - Biological limit values</b>	
Local name	Xilen
Romania - BLV	3 g/l Indicator biologic: Acid metilhipuric - Material biologic: urină - Momentul recoltarii: sfârșit schimb
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 584/2018)
<b>Slovakia - Occupational Exposure Limits</b>	
Local name	Xylén, zmiešané izoméry
NPHV (priemerná) (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
NPHV (priemerná) (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
NPHV (Hraničná) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Upozomenie (SK)	K - znamená, že faktor môže byť ľahko absorbovaný kožou
OEL chemical category (SK)	Potential for cutaneous absorption
Regulatory reference	Nariadenie vlády č. 33/2018 Z. z.
<b>Slovakia - Biological limit values</b>	
Local name	Xylén (všetky izoméry)
Slovakia - BLV	1.5 mg/l Zisťovaný faktor: Xylén - Vyšetovaný materiál: krv - Čas odberu vzorky: b) koniec expozície alebo pracovnej zmeny 2000 mg/l Zisťovaný faktor: Suma kyselín 2,3,4-metyl-hippurových - Vyšetovaný materiál: moč - Čas odberu vzorky: b) koniec expozície alebo pracovnej zmeny
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (Zmena: 471/2011 Z.z.)
<b>Slovenia - Occupational Exposure Limits</b>	
Local name	ksilen (mešane izomere)
OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
Remark (SI)	K (Lastnost lažjega prehajanja snovi v organizem skozi kožo), BAT (Biološka mejna vrednost), EU
OEL chemical category (SI)	Potential for cutaneous absorption
Regulatory reference	Uradni list RS, št. 78/2019 z dne 20.12.2019
<b>Slovenia - Biological limit values</b>	
Local name	ksilen (vse izomere)

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<b>xylene (1330-20-7)</b>	
Regulatory reference	Uradni list RS, št. 78/2018 z dne 4.12.2018
<b>Spain - Occupational Exposure Limits</b>	
Local name	Xileno, mezcla isómeros
VLA-ED (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
VLA-ED (ppm)	50 ppm
VLA-EC (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
VLA-EC (ppm)	100 ppm
Notes	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante), VLB® (Agente químico que tiene Valor Límite Biológico), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo).
OEL chemical category (ES)	skin - potential for cutaneous absorption
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
<b>Spain - Biological limit values</b>	
Local name	Xilenos, mezcla isómeros
Spain - BLV	1 g/g creatinine Parámetro: Ácidos metilhipúricos - Medio: Orina - Momento de muestreo: Final de la jornada laboral
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
<b>Sweden - Occupational Exposure Limits</b>	
Local name	Xylen
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
nivågränsvärde (NVG) (ppm)	50 ppm
kortidsvärde (KTV) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
kortidsvärde (KTV) (ppm)	100 ppm
Anmärkning (SE)	H (Ämnet kan lätt upptas genom huden. Det föreskrivna gränsvärdet bedöms ge tillräckligt skydd endast under förutsättning att huden är skyddad mot exponering för ämnet ifråga)
OEL chemical category (SE)	Skin notation
Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Xylene
WEL TWA (mg/m <sup>3</sup> )	220 mg/m <sup>3</sup> o-,m-,p- or mixed isomers
WEL TWA (ppm)	50 ppm o-,m-,p- or mixed isomers
WEL STEL (mg/m <sup>3</sup> )	441 mg/m <sup>3</sup> o-,m-,p- or mixed isomers
WEL STEL [ppm]	100 ppm o-,m-,p- or mixed isomers
Remark (WEL)	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)
WEL chemical category	Potential for cutaneous absorption
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>United Kingdom - Biological limit values</b>	
Local name	Xylene, o-, m-, p- or mixed isomers

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<b>xylene (1330-20-7)</b>	
United Kingdom (BEI)	650 mmol/mol Creatinine Parameter: methyl hippuric acid - Medium: urine - Sampling time: Post shift
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Iceland - Occupational Exposure Limits</b>	
Local name	Xýlen, allir ísómerar (dímetýlbensen)
OEL (8 hours ref) (mg/m <sup>3</sup> )	109 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	25 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	100 ppm
Notes (IS)	H (efnið getur auðveldlega borist inn í líkamann gegnum húð)
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)
<b>Norway - Occupational Exposure Limits</b>	
Local name	Xylen (alle isomere)
Grenseverdier (AN) (mg/m <sup>3</sup> )	108 mg/m <sup>3</sup>
Grenseverdier (AN) (ppm)	25 ppm
Grenseverdier (Korttidsverdi) (mg/m <sup>3</sup> )	135 mg/m <sup>3</sup> (value calculated)
Grenseverdier (Korttidsverdi) (ppm)	37.5 ppm (value calculated)
Merknader (NO)	H: Kjemikalier som kan tas opp gjennom huden; E: EU har en veiledende grenseverdi for stoffet.
OEL chemical category (NO)	Skin notation
Regulatory reference	FOR-2020-04-06-695
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Xylene, mixed isomers (Dimethylbenzene)
ACGIH TWA (ppm)	100 ppm
ACGIH STEL (ppm)	150 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2020
<b>USA - ACGIH - Biological Exposure Indices</b>	
Local name	XYLENES (Technical or commercial grade)
Biological Exposure Indices (BEI)	1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift
Regulatory reference	ACGIH 2020
<b>ethylbenzene (100-41-4)</b>	
<b>EU - Occupational Exposure Limits</b>	
Local name	Ethylbenzene
IOELV TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
IOELV TWA (ppm)	100 ppm
IOELV STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
IOELV STEL (ppm)	200 ppm

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<b>ethylbenzene (100-41-4)</b>	
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
<b>Austria - Occupational Exposure Limits</b>	
Local name	Ethylbenzol
MAK Daily average value (mg/m <sup>3</sup> )	440 mg/m <sup>3</sup>
MAK Daily average value (ppm)	100 ppm
MAK Short time value [mg/m <sup>3</sup> ]	880 mg/m <sup>3</sup> (8x 5(Mow) min)
MAK Short time value [ppm]	200 ppm (8x 5(Mow) min)
Remark (AT)	H
OEL chemical category (AT)	Skin notation
Regulatory reference	BGBI. II Nr. 238/2018
<b>Belgium - Occupational Exposure Limits</b>	
Limit value [mg/m <sup>3</sup> ]	442 mg/m <sup>3</sup>
Limit value [ppm]	100 ppm
Short time value [mg/m <sup>3</sup> ]	551 mg/m <sup>3</sup>
Short time value [ppm]	125 ppm
Remark (BE)	D
OEL chemical category (BE)	Skin, Skin notation
<b>Bulgaria - Occupational Exposure Limits</b>	
Local name	Етилбензен
OEL TWA (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OEL STEL (mg/m <sup>3</sup> )	545 mg/m <sup>3</sup>
Notes	Кожа (възможна е значителна резорбция чрез кожата); • (Химични агенти, за които са определени гранични стойности във въздуха на работната среда за Европейската общност)
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр.5 от 17 Януари 2020 г.)
<b>Bulgaria - Biological limit values</b>	
Local name	Етилбензен
Bulgaria - BLV	2000 mg/g creatinine Parameter: Mandelic acid and Phenylglyoxylic acid - total - Medium: urine - Sampling time: at the end of exposure or end of work shift (possible significant absorption through the skin)
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр.5 от 17 Януари 2020 г.)
<b>Croatia - Occupational Exposure Limits</b>	
Local name	Etilbenzen
GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
GVI (granična vrijednost izloženosti) (ppm)	100 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	200 ppm
Naznake (HR)	Direktiva: 2000/39/EZ. Napomena: Koža (razvrstana kao tvar koja nadražuje kožu (H315))

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<b>ethylbenzene (100-41-4)</b>	
OEL chemical category (HR)	Skin notation
Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 91/2018)
<b>Croatia - Biological limit values</b>	
Local name	Etilbenzen
Croatia - BLV	1.5 mg/l Parameter: Ethylbenzene - Medium: blood - Sampling time: during exposure 1.5 g/g creatinine Parameter: Mandelic acid - Medium: urine - Sampling time: at the end of the work shift and at the end of the working week (calculated on the average Creatinine value of 1.2 g/L urine)
Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 91/2018)
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
OEL chemical category (CY)	Skin-potential for cutaneous absorption
<b>Czech Republic - Occupational Exposure Limits</b>	
Local name	Ethylbenzen
Expoziční limity (PEL) (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Expoziční limity (PEL) (ppm)	45 ppm
Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Expoziční limity (NPK-P) (ppm)	114 ppm
Remark (CZ)	D - při expozici se významně uplatňuje pronikání faktoru kůží, B - u látky je zaveden biologický expoziční test (BET) v moči nebo krvi.
OEL chemical category (CZ)	Potential for cutaneous absorption
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 41/2020 Sb.)
<b>Czech Republic - Biological limit values</b>	
Local name	Ethylbenzen
Czech Republic - BLV	1100 µmol/mmol Creatinine Parameter: Mandelic acid - Medium: urine - Sampling time: end of shift 1500 mg/g creatinine Parameter: Mandelic acid - Medium: urine - Sampling time: end of shift
Regulatory reference	Vyhláška č. 107/2013 Sb. (kterou se mění vyhláška č. 432/2003 Sb.)
<b>Denmark - Occupational Exposure Limits</b>	
Local name	Ethylbenzen
Grænsevædi (8 timer) (mg/m <sup>3</sup> )	217 mg/m <sup>3</sup>
Grænsevædi (8 timer) (ppm)	50 ppm
Anmærkninger (DK)	E (betyder, at stoffet har en EF-grænseværdi); K (betyder, at stoffet anses for at kunne være kræftfremkaldende)
OEL chemical category (DK)	Potential for cutaneous absorption
Regulatory reference	BEK nr 1458 af 13/12/2019
<b>Estonia - Occupational Exposure Limits</b>	
Local name	Etüülbenseen

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<b>ethylbenzene (100-41-4)</b>	
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
Remark (ET)	A (Naha kaudu kergesti imenduv aine), S (Sensibiliseeriv aine)
OEL chemical category (ET)	Sensitizer, Skin notation
Regulatory reference	Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 17.10.2019, 2); Vabariigi Valitsuse 10. märtsi 2019. a määruse nr 84
<b>Finland - Occupational Exposure Limits</b>	
Local name	Etyylibentseeni
HTP-arvo (8h) (mg/m <sup>3</sup> )	220 mg/m <sup>3</sup>
HTP-arvo (8h) (ppm)	50 ppm
HTP-arvo (15 min)	880 mg/m <sup>3</sup>
HTP-arvo (15 min) (ppm)	200 ppm
Huomautus (FI)	iho
OEL chemical category (FI)	Potential for cutaneous absorption
Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveystieteiden ministeriö)
<b>Finland - Biological limit values</b>	
Local name	Etyylibentseeni
Finland - BLV	Parameter: Mandelic acid - Medium: urine - Sampling time: after the shift after a working week or exposure period
Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveystieteiden ministeriö)
<b>France - Occupational Exposure Limits</b>	
Local name	Ethylbenzène
VME [mg/m <sup>3</sup> ]	88.4 mg/m <sup>3</sup>
VME [ppm]	20 ppm
VLE [mg/m <sup>3</sup> ]	442 mg/m <sup>3</sup>
VLE [ppm]	100 ppm
Note (FR)	Valeurs réglementaires contraignantes; risque de pénétration percutanée
OEL chemical category (FR)	Risk of cutaneous absorption
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016; Décret n° 2019-1487)
<b>France - Biological limit values</b>	
France - BLV	1500 mg/g creatinine Parameter: Mandelic acid - Medium: urine - Sampling time: end of shift at end of workweek (Non-specific (observed after the exposure to other substances))
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
TRGS 900 Local name	Ethylbenzol
Occupational exposure limit value (mg/m <sup>3</sup> )	88 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Occupational exposure limit value (ppm)	20 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Peak exposure limitation factor	2(II)
TRGS 900 Remark	DFG;H;Y;EU

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<b>ethylbenzene (100-41-4)</b>	
Chemical category	Skin notation
TRGS 900 Regulatory reference	TRGS900
<b>Germany - Biological limit values (TRGS 903)</b>	
TRGS 903 Local name	Ethylbenzol
TRGS 903 Biological limit value	250 mg/g creatinine Parameter: Mandelic acid plus Phenylglyoxylic acid - Medium: urine - Sampling time: end of shift
TRGS 903 Regulatory reference	TRGS 903
<b>Gibraltar - Occupational Exposure Limits</b>	
Name of agent	Ethylbenzene
Eight hours mg/m <sup>3</sup>	442 mg/m <sup>3</sup>
Eight hours ppm	100 ppm
Short-term mg/m <sup>3</sup>	884 mg/m <sup>3</sup>
Short-term ppm	200 ppm
Notation	Skin
OEL chemical category (GI)	Skin notation
Regulatory reference	Factories (Control of Chemical Agents at Work) Regulations 2003 (LN. 2018/181)
<b>Greece - Occupational Exposure Limits</b>	
Local name	Αιθυλοβενζόλιο
OEL TWA (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	545 mg/m <sup>3</sup>
OEL STEL (ppm)	125 ppm
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
<b>Hungary - Occupational Exposure Limits</b>	
Local name	ETILBENZOL
AK-érték	442 mg/m <sup>3</sup>
CK-érték	884 mg/m <sup>3</sup>
Megjegyzések (HU)	b (Bőrön át is felszívódik), i (ingerlő anyag, amely izgatja a bőrt, nyálkahártyát, szemet vagy mindhármát), BEM (biológiai expozíciós mutató); EU1 (2000/39/EK irányelvben közölt érték); T (Azok az anyagok, amelyek egészségkárosító hatása TARTÓS expozíciót követően jelentkeznek)
OEL chemical category (HU)	Potential for cutaneous absorption
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
<b>Hungary - Biological limit values</b>	
Local name	Etilbenzol
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Ethylbenzene
OEL (8 hours ref) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	100 ppm



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<b>ethylbenzene (100-41-4)</b>	
OEL (15 min ref) (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	200 ppm
Notes (IE)	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)
OEL chemical category (IE)	Potential for cutaneous absorption
Regulatory reference	Chemical Agents Code of Practice 2020
<b>Italy - Occupational Exposure Limits</b>	
Local name	Etilbenzene
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
Notes	pelle
OEL chemical category (IT)	skin - potential for cutaneous absorption
Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
<b>Latvia - Occupational Exposure Limits</b>	
Local name	Etilbenzols
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
Remark (LV)	Āda, letekme uz dzirdi
OEL chemical category (LV)	skin - potential for cutaneous exposure
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2015. gada 7. aprīlī noteikumiem Nr. 163)
<b>Lithuania - Occupational Exposure Limits</b>	
Local name	Etilbenzenas
IPRV (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
IPRV (ppm)	100 ppm
TPRV (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
TPRV (ppm)	200 ppm
Remark (LT)	O (medžiaga į organizmą gali prasiskverbti pro nepažeistą odą)
OEL chemical category (LT)	Skin notation
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)
<b>Luxembourg - Occupational Exposure Limits</b>	
Local name	Ethylbenzène
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm

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<b>ethylbenzene (100-41-4)</b>	
OEL chemical category (LU)	Possibility of significant uptake through the skin
Regulatory reference	Mémorial A N° 684 de 2018 concernant la protection de la sécurité et de la santé des salariés contre les risques liés à des agents chimiques sur le lieu de travail
<b>Malta - Occupational Exposure Limits</b>	
Local name	Ethylbenzene
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
Remark (MT)	Skin # Ġilda
OEL chemical category (MT)	Possibility of significant uptake through the skin
Regulatory reference	S.L.424.24 - Chemical Agents at Work Regulations (L.N.57 of 2018)
<b>Netherlands - Occupational Exposure Limits</b>	
Local name	Ethylbenzeen
Grenswaarde TGG 8H (mg/m <sup>3</sup> )	215 mg/m <sup>3</sup>
Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	430 mg/m <sup>3</sup>
Remark (MAC)	H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen.
MAC chemical category	Skin notation
Regulatory reference	Arbeidsomstandighedenregeling 2020
<b>Poland - Occupational Exposure Limits</b>	
Local name	Etylobenzen
NDS (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
NDSCh (mg/m <sup>3</sup> )	400 mg/m <sup>3</sup>
Remark (PL)	Skóra (Oznakowanie substancji notacją „skóra” oznacza, że wchłanianie substancji przez skórę może być tak samo istotne jak przy narażeniu drogą oddechową).
Regulatory reference	Dz. U. 2018 poz. 1286
<b>Portugal - Occupational Exposure Limits</b>	
Local name	Etilbenzeno
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup> (indicative limit value)
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup> (indicative limit value)
OEL STEL (ppm)	200 ppm (indicative limit value)
OEL chemical category (PT)	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, skin - potential for cutaneous exposure indicative limit value
Regulatory reference	Norma Portuguesa NP 1796:2014
<b>Portugal - Biological limit values</b>	
Local name	Etilbenzeno
Portugal (BEI)	0.7 g/g creatinine Parâmetro: Soma do ácido mandélico e do ácido fenilfioxlílico - Meio: urina - Momento da amostragem: Fim do turno - Notação: Ne (Não específico)

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<b>ethylbenzene (100-41-4)</b>	
Regulatory reference	Norma Portuguesa NP 1796:2014
<b>Romania - Occupational Exposure Limits</b>	
Local name	Etilbenzen
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
OEL chemical category (RO)	Skin notation
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 157/2020)
<b>Romania - Biological limit values</b>	
Local name	Etilbenzen
Romania - BLV	1.5 g/g creatinine Parameter: Mandelic acid - Medium: urine - Sampling time: end of work week
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 584/2018)
<b>Slovakia - Occupational Exposure Limits</b>	
Local name	Etylbenzén
NPHV (priemerná) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
NPHV (priemerná) (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
NPHV (Hraničná) (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
Upozornenie (SK)	K - znamená, že faktor môže byť ľahko absorbovaný kožou
OEL chemical category (SK)	Potential for cutaneous absorption
Regulatory reference	Nariadenie vlády č. 33/2018 Z. z.
<b>Slovakia - Biological limit values</b>	
Local name	Etylbenzén
Slovakia - BLV	12 mg/l Parameter: 2 and 4-Ethylphenol - Medium: urine - Sampling time: end of exposure or work shift (also after all work shifts for long-term exposure) 1600 mg/l Parameter: Mandelic acid and Phenylglycolic acid - Medium: urine - Sampling time: end of exposure or work shift (also after all work shifts for long-term exposure)
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (Zmena: 471/2011 Z.z.)
<b>Slovenia - Occupational Exposure Limits</b>	
Local name	etilbenzen
OEL TWA (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL STEL (ppm)	200 ppm
Remark (SI)	K (Lastnost lažjega prehajanja snovi v organizem skozi kožo), Y (Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in bat vrednosti), BAT (Biološka mejna vrednost), EKA (Zveza med koncentracijo rakotvornih snovi v zraku na delovnem mestu in količino snovi in/ali njenih metabolitov v organizmu), EU
OEL chemical category (SI)	Potential for cutaneous absorption

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<b>ethylbenzene (100-41-4)</b>	
Regulatory reference	Uradni list RS, št. 78/2019 z dne 20.12.2019
<b>Slovenia - Biological limit values</b>	
Local name	etilbenzen
Regulatory reference	Uradni list RS, št. 78/2018 z dne 4.12.2018
<b>Spain - Occupational Exposure Limits</b>	
Local name	Etilbenceno
VLA-ED (mg/m <sup>3</sup> )	441 mg/m <sup>3</sup> (indicative limit value)
VLA-ED (ppm)	100 ppm (indicative limit value)
VLA-EC (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
VLA-EC (ppm)	200 ppm
Notes	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante), VLB® (Agente químico que tiene Valor Límite Biológico), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo).
OEL chemical category (ES)	skin - potential for cutaneous absorption
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
<b>Spain - Biological limit values</b>	
Spain - BLV	700 mg/g creatinine Parameter: Mandelic acid plus Phenylglyoxylic acid - Medium: urine - Sampling time: end of workweek
<b>Sweden - Occupational Exposure Limits</b>	
Local name	Etylbensen
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	220 mg/m <sup>3</sup>
nivågränsvärde (NVG) (ppm)	50 ppm
kortidsvärde (KTV) (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
kortidsvärde (KTV) (ppm)	200 ppm
Anmärkning (SE)	H (Ämnet kan lätt upptas genom huden. Det föreskrivna gränsvärdet bedöms ge tillräckligt skydd endast under förutsättning att huden är skyddad mot exponering för ämnet ifråga)
OEL chemical category (SE)	Skin notation
Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Ethylbenzene
WEL TWA (mg/m <sup>3</sup> )	441 mg/m <sup>3</sup>
WEL TWA (ppm)	100 ppm
WEL STEL (mg/m <sup>3</sup> )	552 mg/m <sup>3</sup>
WEL STEL [ppm]	125 ppm
Remark (WEL)	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)
WEL chemical category	Potential for cutaneous absorption
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Iceland - Occupational Exposure Limits</b>	
Local name	Etýlbensen

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ethylbenzene (100-41-4)	
OEL (8 hours ref) (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	50 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	884 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	200 ppm
Notes (IS)	H (efnið getur auðveldlega borist inn í líkamann gegnum húð)
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)
Norway - Occupational Exposure Limits	
Local name	Etylbenzen
Grenseverdier (AN) (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Grenseverdier (AN) (ppm)	5 ppm
Grenseverdier (Korttidsverdi) (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup> (value calculated)
Grenseverdier (Korttidsverdi) (ppm)	10 ppm (value calculated)
Merknader (NO)	H: Kjemikalier som kan tas opp gjennom huden; K: Kjemikalier som skal betraktes som kreftfremkallende; E: EU har en veiledende grenseverdi for stoffet.
OEL chemical category (NO)	Carcinogen, Skin notation
Regulatory reference	FOR-2020-04-06-695
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethylbenzene
ACGIH TWA (ppm)	20 ppm
Remark (ACGIH)	TLV® Basis: URT irr; kidney dam (nephropathy); cochlear impair. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2020
USA - ACGIH - Biological Exposure Indices	
Local name	ETHYLBENZENE
Biological Exposure Indices (BEI)	0.15 g/g creatinine Parameter: Sum of mandelic acid and phenylglyoxylic acid (with hydrolysis) - Medium: urine - Sampling time: End of shift - Notations: Ns
Regulatory reference	ACGIH 2020

## 8.2. Exposure controls

### Appropriate engineering controls:

Good standard of general ventilation.

### Personal protective equipment:

Not required for normal conditions of use.

### Eye protection:

If there is a risk of eye contact: Use suitable eye protection

### Environmental exposure controls:

Avoid release to the environment.

### Other information:

Do not smoke while handling product.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: Colourless.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: -59 °C
Freezing point	: No data available
Boiling point	: 101 °C
Flash point	: -8 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapour pressure	: 20 hPa ( 20 °C)
Vapour pressure at 50 °C	: 175 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.76 g/cm <sup>3</sup>
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Pow)	: > 4
Viscosity, kinematic	: 0.658 mm <sup>2</sup> /s
Viscosity, dynamic	: 0.5 mPa·s ( 25 °C)
Explosive properties	: Pressurised container: May burst if heated.
Oxidising properties	: No data available
Explosive limits	: 0.5 – 21.8 vol %

#### 9.2. Other information

VOC content	: 100 %
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Extremely flammable aerosol.

#### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Pressurised container: May burst if heated.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Avoid static electricity discharges. Keep out of direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

#### 10.5. Incompatible materials

Oxidizing materials. Reducing agents.

#### 10.6. Hazardous decomposition products

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

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (On basis of test data)
Acute toxicity (dermal)	: Not classified (On basis of test data)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Additional information	: Not classified as acute orally toxic, on the basis of test data Not classified as acute dermally toxic, on the basis of test data

#### ADAPT Medical Adhesive

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

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

LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	1700 mg/kg
LC50 Inhalation - Rat	29.08 mg/l/4h
LC50 Inhalation - Rat [ppm]	5000 ppm/4h

#### ethylbenzene (100-41-4)

LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LD50 dermal	15350 mg/kg bodyweight
LC50 Inhalation - Rat	17.4 mg/l/4h
LC50 Inhalation - Rat [ppm]	1432 ppm
LC50 Inhalation - Rat (Dust/Mist)	17200 mg/l

Skin corrosion/irritation	: Not classified (On basis of test data)
Additional information	: Not classified as skin corrosive or irritating, on the basis of test data
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (On basis of test data)
Additional information	: Not classified as skin sensitizer, on the basis of test data
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
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#### ethylbenzene (100-41-4)

IARC group	2B - Possibly carcinogenic to humans
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#### xylene (1330-20-7)

NOAEL (chronic, oral, animal/male, 2 years)	500 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	500 mg/kg bodyweight

Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

#### ethylbenzene (100-41-4)

NOAEL (oral, rat, 90 days)	75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
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Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
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### ADAPT Medical Adhesive

Viscosity, kinematic	0.658 mm <sup>2</sup> /s
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Other information : Likely routes of exposure: inhalation, skin and eye. The test article showed evidence of causing slight cell lysis to the L-929 cells Using the ISO Direct Contact Method. The test article met the requirements of the test since the grade was less than a grade 2 (mild reactivity).

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : This material has not been tested for environmental effects.  
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.  
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

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

LC50 fish 1	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	2.661 – 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	3.82 mg/l (Exposure time: 48 h - Species: water flea)
NOEC (acute)	0.44 mg/l 72 hours
NOEC (chronic)	> 0.96 mg/l 7 days- daphnia

#### ethylbenzene (100-41-4)

LC50 fish 1	11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 fish 2	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
EC50 Daphnia 1	1.8 – 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	4.6 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 72h algae (2)	2.6 – 11.3 mg/l (Species: Pseudokirchneriella subcapitata [static])
EC50 96h algae (1)	> 438 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 96h algae (2)	1.7 – 7.6 mg/l (Species: Pseudokirchneriella subcapitata [static])
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

No additional information available

### 12.3. Bioaccumulative potential

#### ADAPT Medical Adhesive

Partition coefficient n-octanol/water (Log Pow)	> 4
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#### xylene (1330-20-7)

BCF fish 1	0.6 – 15
Partition coefficient n-octanol/water (Log Pow)	2.77 – 3.15



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### ethylbenzene (100-41-4)

BCF fish 1	15
Partition coefficient n-octanol/water (Log Pow)	3.2

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of in accordance with relevant local regulations.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
<b>14.2. UN proper shipping name</b>				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
<b>Transport document description</b>				
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>				
2.1	2.1	2.1	2.1	2.1
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<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) : 5F

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Special provisions (ADR)	: 190, 327, 344, 625
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P207
Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

### Transport by sea

Special provisions (IMDG)	: 63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG)	: P207, LP200
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69

### Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

### Inland waterway transport

Classification code (ADN)	: 5F
Special provisions (ADN)	: 190, 327, 344, 625
Limited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1

### Rail transport

Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P207, LP200
Special packing provisions (RID)	: PP87, RR6, L2
Mixed packing provisions (RID)	: MP9
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading and handling (RID)	: CW9, CW12
Colis express (express parcels) (RID)	: CE2
Hazard identification number (RID)	: 23

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

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 100 %

##### 15.1.2. National regulations

###### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

WGK remark : Most stringent classification due to insufficient data

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

###### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : xylene is listed

giftige stoffen – Ontwikkeling

###### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Sources of Key data : Company information.

Other information : None.

#### 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
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
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

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STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Aerosol 1	H222;H229	Expert judgment
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

SDS EU (REACH Annex II)

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.