

: 15.02.2017

: 11.02.2017

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PZ338

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Environmental Health and safety office  
hseoffice@ivmchemicals.com

· 1.4

8.30 17.30 0039 038 425 441

: 0039 0384 254491

**2**

· 2.1

( ) 1272/2008



Flam. Liq. 2 H225



STOT RE 2 H373



Skin Irrit. 2 H315

Eye Irrit. 2 H319

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

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**PZ338**

xylene

H225

H315

H319

H373

P210

P241

P303+P361+P353

P305+P351+P338

P403+P235

P501

2.3

PBT (

) vPvB

PBT:

vPvB:

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CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	15-19,99%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene ⚠ Flam. Liq. 3, H226 ⚠ STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-14,99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	5-9,99%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119488216-32-XXXX	ethylbenzene ⚠ Flam. Liq. 2, H225 ⚠ STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H332	2,5-4,99%
CAS: 108-10-1 EINECS: 203-550-1 Reg.nr.: 01-2119473980-30-XXXX	4-methylpentan-2-one ⚠ Flam. Liq. 2, H225 ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	2,5-4,99%

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<b>123-86-4 n-butyl acetate</b>	
PDK	: 200 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>1330-20-7 xylene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PDK	: 10 /m <sup>3</sup>
<b>100-41-4 ethylbenzene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>108-10-1 4-methylpentan-2-one</b>	
PDK	: 5 /m <sup>3</sup>

**DNEL**

<b>123-86-4 n-butyl acetate</b>	
( )	DNEL acuto/agudo/ostre/aigu/acute/akut 960 /mc ( ) 859,7 /mc (popolazione) DNEL 480 /mc ( ) 102,34 /mc (popolazione)
<b>1330-20-7 xylene</b>	
( )	DNEL acuto/agudo/ostre/aigu/acute/akut 289 /mc ( ) DNEL 77 /mc ( ) DNEL 180 / b w / d ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
( )	DNEL 275 /mc ( ) DNEL 153,5 / b w / d ( )
<b>100-41-4 ethylbenzene</b>	
( )	DNEL acuto/agudo/ostre/aigu/acute/akut 293 /mc ( ) DNEL 77 /mc ( ) DNEL 180 / b w / d ( )
<b>108-10-1 4-methylpentan-2-one</b>	
( )	DNEL acuto/agudo/ostre/aigu/acute/akut 208 /mc ( )

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	DNEL	83 /mc ( )
	DNEL	11,8 / b w / d ( )

**PNEC**

**123-86-4 n-butyl acetate**

PNEC Acqua dolce/water/woda słodka/eau/agua	0,18 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ( )

**1330-20-7 xylene**

PNEC Acqua dolce/water/woda słodka/eau/agua	0,327 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ( )

**108-65-6 2-methoxy-1-methylethyl acetate**

PNEC Acqua dolce/water/woda słodka/eau/agua	0,635 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ( )

**100-41-4 ethylbenzene**

PNEC Acqua dolce/water/woda słodka/eau/agua	0,1 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ( )

**108-10-1 4-methylpentan-2-one**

PNEC Acqua dolce/water/woda słodka/eau/agua	0,6 /L ( )
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**pH:**

117 °C

22 °C

315 °C

1,0 . %  
10,8 . %

20 °C: 20,2

20 °C: 1,071 /cm<sup>3</sup>

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/	
(n- /	
):	
20 °C:	55 s (ISO 6 mm)
:	
( +	
VOC (EC)	39,92 % 427,4 /
9.2	60,1 %

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- 10.2
- 10.3
- 10.4
- 10.5
- 10.6

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LD/LC50 ( / ),	
:	
<b>123-86-4 n-butyl acetate</b>	
( )	LD50 10760 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50 14000 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 21,1 / (rat/szczur/mouse/souris/Maus/rat n)

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<b>1330-20-7 xylene</b>		
( )	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	LD50	8532 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	5001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	35,7 / (rat/szczur/mouse/souris/Maus/rat n)
<b>100-41-4 ethylbenzene</b>		
( )	LD50	3500 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	15486 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	17,2 / (rat/szczur/mouse/souris/Maus/rat n)
<b>108-10-1 4-methylpentan-2-one</b>		
( )	LD50	2080 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	16000 / (rab)
( )	LC50/4	16,6 / (rat/szczur/mouse/souris/Maus/rat n)

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<b>123-86-4 n-butyl acetate</b>	
EC50	648 / ( ) (72 .)
	44 / (daphnia) (48 .)
LC50 (96 .)	18 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
EC50	1001 / ( ) (72 .)
	501 / (daphnia) (48 .)
LC50 (96 .)	134 / ( )
<b>100-41-4 ethylbenzene</b>	
EC50	75 / (daphnia) (48 .)
<b>108-10-1 4-methylpentan-2-one</b>	
EC50	101 / (daphnia) (48 .)
LC50 (96 .)	101 / ( )

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2 ( - ):

· 12.5

**PBT** (

) vPvB (

)

· PBT:

· vPvB:

· 12.6

**13**

· 13.1

080111

**14**

· 14.1 **UN**

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

UN1263

· IMDG, IATA

PAINT

· 14.3

· ADR, IMDG, IATA



3

3

· 14.4

· ADR, IMDG, IATA

III

· 14.5

· 14.6

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	( 10)
<ul style="list-style-type: none"> <li>· EMS: ( ): -</li> <li>· Stowage Category F-E, S-E</li> <li style="padding-left: 100px;">A</li> </ul>	
<ul style="list-style-type: none"> <li>· 14.7</li> <li style="padding-left: 40px;">MARPOL73/78 ( II</li> <li style="padding-left: 40px;">) IBC Code (</li> <li style="padding-left: 40px;">)</li> </ul>	
<ul style="list-style-type: none"> <li>· ADR</li> <li style="padding-left: 40px;">(LQ) 5L</li> <li style="padding-left: 40px;">(EQ) : E1</li> <li style="padding-left: 100px;">: 30</li> <li style="padding-left: 100px;">: 1000</li> <li style="padding-left: 40px;">3</li> <li style="padding-left: 40px;">E</li> </ul>	
<ul style="list-style-type: none"> <li>· IMDG</li> <li style="padding-left: 20px;">· Limited quantities (LQ) 5L</li> <li style="padding-left: 20px;">· Excepted quantities (EQ) Code: E1</li> <li style="padding-left: 40px;">Maximum net quantity per inner packaging: 30</li> <li style="padding-left: 40px;">Maximum net quantity per outer packaging: 1000</li> </ul>	
<ul style="list-style-type: none"> <li>· UN "Model Regulation": UN 1263 , 3, III</li> </ul>	

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- 15.1 ,
- 1907/2006 1272/2008
- 2012/18/EU
- 1: 5000
- 2: 50000
- P
- :
- 15.2 ( )
- :

**16**

H225

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**PZ338**

H226  
 H304  
 H312  
 H315  
 H319  
 H332  
 H335  
 H336  
 H373

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: IVM Chemicals Srl

: Carlo Porta

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*ICAO: International Civil Aviation Organisation*

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonised System of Classification and Labelling of Chemicals*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*VOC: Volatile Organic Compounds (USA, EU)*

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 2: Flammable liquids . Category 2*

*Flam. Liq. 3: Flammable liquids . Category 3*

*Acute Tox. 4: Acute toxicity . Category 4*

*Skin Irrit. 2: Skin corrosion/irritation . Category 2*

*Eye Irrit. 2: Serious eye damage/eye irritation . Category 2*

*STOT SE 3: Specific target organ toxicity (single exposure) . Category 3*

*STOT RE 2: Specific target organ toxicity (repeated exposure) . Category 2*

*Asp. Tox. 1: Aspiration hazard . Category 1*

1272/2008/EC

ECHA -

INRS Fiche Toxicologique

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