

: 25.10.2017

: 23.10.2017

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LBA528

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Environmental Health and safety office

hseoffice@ivmchemicals.com

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8.30 17.30 0039 038 425 441

: 0039 0384 254491

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( ) 1272/2008



Flam. Liq. 2 H225



STOT RE 2 H373

Asp. Tox. 1 H304



Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

		(	1)
	xylene		
	H225		
	H315		
	H319		
	H335		
	H373		
	H304		
	P210	/ / /	
	P301+P310	:	
	P303+P361+P353	( / ):	
	P305+P351+P338	:	
	P405		
	P501	/	
	EUH208	E96096.	
2.3			
	PBT (		) vPvB
	PBT:		
	vPvB:		

<b>3</b> /		
3.2 :		
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	30-39,99%
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	5-9,99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate Flam. Liq. 2, H225 STOT SE 3, H336	5-9,99%
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CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	2,5-4,99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	1-2,499%
CAS: 64-17-5 EINECS: 200-578-6	ethanol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319	1-2,499%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-XXXX	butanone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	1-2,499%
ELINCS: 434-430-9 Reg.nr.: 01-0000018057-71-XXXX	E96096 ⚠ Skin Sens. 1B, H317 Aquatic Chronic 4, H413	≥0,1-<0,5%
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<b>1330-20-7 xylene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>100-41-4 ethylbenzene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>141-78-6 ethyl acetate</b>	
PDK	: 200 /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>64-17-5 ethanol</b>	
PDK	: 2000 /m <sup>3</sup> : 1000 /m <sup>3</sup>
<b>78-93-3 butanone</b>	
PDK	: 400 /m <sup>3</sup> : 200 /m <sup>3</sup>

<b>DNEL</b>	
<b>1330-20-7 xylene</b>	
	DNEL acuto/agudo/ostre/ aigu/acute/akut 289 /mc ( ) DNEL 77 /mc ( ) DNEL 180 / b w / d ( )

( 5)		
<b>100-41-4 ethylbenzene</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	293 /mc ( )
	DNEL	77 /mc ( )
	DNEL	1 8 0 / b w / d ( )
<b>110-19-0 isobutyl acetate</b>		
( )	DNEL	243 /mc ( )
	DNEL	4 , 9 5 / b w / d ( )
<b>141-78-6 ethyl acetate</b>		
( )	DNEL	4 , 5 / b w / d (popolazione)
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	1.468 /mc ( )
		734 /mc (popolazione)
	DNEL	734 /mc ( )
		367 /mc (popolazione)
	DNEL	6 3 / b w / d ( )
		37 / bw/d (popolazione)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	DNEL	275 /mc ( )
	DNEL	1 5 3 , 5 / b w / d ( )
<b>64-17-5 ethanol</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	1.900 /mc ( )
	DNEL	950 /mc ( )
	DNEL	3 4 3 / b w / d ( )
<b>78-93-3 butanone</b>		
( )	DNEL	600 /mc ( )
	DNEL	1 . 1 6 1 / b w / d ( )
<b>E96096</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	18 /mc ( )
	DNEL	3 /mc ( )
<b>PNEC</b>		
<b>1330-20-7 xylene</b>		
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,327	/L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,31	/ ( )
<b>100-41-4 ethylbenzene</b>		
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,1	/L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,68	/ ( )
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· ): (n- /
· : : 20°C: 40 s (ISO 4 mm)
· : ( +
· ) 50,49 %
· : 0,0 %
· VOC (EC) 499,9 /
· 9.2 : 49,5 %

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· LD/LC50 ( / ),
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<b>1330-20-7 xylene</b>
( ) LD50. 3.523 / (rat/szczur/mouse/souris/Maus/rat n)
( ) LD50. 12.126 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( 10)

			9)
( )	LC50/4 ..	27,571 /	(rat/szczur/mouse/souris/Maus/rat n)
<b>100-41-4 ethylbenzene</b>			
( )	LD50	3.500 /	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	15.486 /	(rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 .	17,2 /	(rat/szczur/mouse/souris/Maus/rat n)
<b>110-19-0 isobutyl acetate</b>			
( )	LD50	13.400 /	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	17.401 /	(rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 .	31 /	(rat/szczur/mouse/souris/Maus/rat n)
<b>141-78-6 ethyl acetate</b>			
( )	LD50	4.934 /	(rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LD50	20.001 /	(rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 .	1.600 /	(rat/szczur/mouse/souris/Maus/rat n)
	LC0	22,6 ppm	(mouse)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>			
( )	LD50	8.532 /	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	5.001 /	(rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 .	35,7 /	(rat/szczur/mouse/souris/Maus/rat n)
<b>64-17-5 ethanol</b>			
( )	LD50	10.470 /	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	20.000 /	(rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 .	124,7 /	(rat/szczur/mouse/souris/Maus/rat n)
<b>78-93-3 butanone</b>			
( )	LD50	2.001 /	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	5.001 /	(rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 .	21 /	(rat/szczur/mouse/souris/Maus/rat n)
<b>E96096</b>			
( )	LD50	2.001 /	(rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	2.001 /	(rat/szczur/mouse/souris/Maus/rat n)

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<b>100-41-4 ethylbenzene</b>	
EC50	75 / (daphnia) (48 .)
<b>110-19-0 isobutyl acetate</b>	
EC50	370 / ( ) (72 .)
	25 / (daphnia)
LC50 (96 .)	17 / ( )
<b>141-78-6 ethyl acetate</b>	
EC50	165 / (daphnia) (48 .)
LC50 (96 .)	230 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
EC50	1.001 / ( ) (72 .)
	501 / (daphnia) (48 .)
LC50 (96 .)	134 / ( )
<b>64-17-5 ethanol</b>	
EC50	5.012 / (daphnia) (48 .)
LC50 (96 .)	15,3 / ( )
<b>78-93-3 butanone</b>	
EC50	2.029 / ( ) (96 .)
	308 / (daphnia) (48 .)
LC50 (96 .)	2.993 / ( )
<b>E96096</b>	
EC50	101 / ( ) (72 .)
	101 / (daphnia) (48 .)
LC50 (96 .)	101 / ( )

· 12.2

·	
1330-20-7 xylene	·
100-41-4 ethylbenzene	·
110-19-0 isobutyl acetate	·
141-78-6 ethyl acetate	·
108-65-6 2-methoxy-1-methylethyl acetate	·
64-17-5 ethanol	·
78-93-3 butanone	·

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<p>· 12.5 ) vPvB ( PBT ( )</p> <p>· PBT:</p> <p>· vPvB:</p> <p>· 12.6</p>	

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<p>· 13.1</p> <p style="text-align: center;">080111</p>

<b>14</b>
<p>· 14.1 UN</p> <p>· ADR, IMDG, IATA UN1263</p>
<p>· 14.2</p> <p>· ADR UN1263 , 640D</p> <p>· IMDG, IATA PAINT</p>
<p>· 14.3</p> <p>· ADR, IMDG, IATA</p> <div style="text-align: center;">  </div> <p style="text-align: center;">3 3</p>
<p>· 14.4</p> <p>· ADR, IMDG, IATA //</p>
<p>· 14.5</p>
<p>· 14.6</p> <p style="text-align: center;">33</p> <p>· EMS: ( ): F-E, S-E</p>



( 13)

H304  
 H312  
 H315  
 H317  
 H319  
 H332  
 H335  
 H336  
 H373

H413

: IVM Chemicals Srl  
 : Carlo Porta

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  
 Skin Sens. 1B: Skin sensitisation . Category 1B  
 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  
 Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard . Category 4

1272/2008/EC  
 ECHA -  
 INRS Fiche Toxicologique

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