

: 25.05.2017

: 09.05.2017

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· 1.1

TA901

: **FONDO PUR ELETTR. EXTRA**

· 1.2.

· 1.3

IVM Chemicals Srl  
Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441

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

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

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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:

3

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) 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	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. 1, H317 ⚠ Aquatic Chronic 4, H413	0,1-<0,5%

16.

**4**

**4.1**

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**4.2**

**4.3**

**5**

**5.1**

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· 5.2  
· 5.3

**6**

· 6.1  
· 6.2  
· 6.3  
· 6.4

**7**

· 7.1  
· 7.2

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**1330-20-7 xylene**

PDK : 150 /m<sup>3</sup>  
: 50 /m<sup>3</sup>

**100-41-4 ethylbenzene**

PDK : 150 /m<sup>3</sup>  
: 50 /m<sup>3</sup>

**141-78-6 ethyl acetate**

PDK : 200 /m<sup>3</sup>  
: 50 /m<sup>3</sup>

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

PDK : 10 /m<sup>3</sup>

**64-17-5 ethanol**

PDK : 2000 /m<sup>3</sup>  
: 1000 /m<sup>3</sup>

**78-93-3 butanone**

PDK : 400 /m<sup>3</sup>  
: 200 /m<sup>3</sup>

**DNEL**

**1330-20-7 xylene**

( )	DNEL acuto/agudo/ostre/aigu/acute/akut	289 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / b w / d ( )

**100-41-4 ethylbenzene**

( )	DNEL acuto/agudo/ostre/aigu/acute/akut	293 /mc ( )
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	DNEL	77 /mc ( )	5)
	DNEL	180 / b w / d ( )	
<b>110-19-0 isobutyl acetate</b>			
( )	DNEL	243 /mc ( )	
	DNEL	4,95 / b w / d ( )	
<b>141-78-6 ethyl acetate</b>			
( )	DNEL	4,5 / b w / d (popolazione)	
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	1468 /mc ( )	
		734 /mc (popolazione)	
	DNEL	734 /mc ( )	
		367 /mc (popolazione)	
	DNEL	63 / b w / d ( )	
		37 / bw/d (popolazione)	
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>			
( )	DNEL	275 /mc ( )	
	DNEL	153,5 / b w / d ( )	
<b>64-17-5 ethanol</b>			
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	1900 /mc ( )	
	DNEL	950 /mc ( )	
	DNEL	343 / b w / d ( )	
<b>78-93-3 butanone</b>			
( )	DNEL	600 /mc ( )	
	DNEL	1161 / b w / d ( )	
<b>E96096</b>			
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	18 /mc ( )	
	DNEL	3 /mc ( )	

**PNEC**

**1330-20-7 xylene**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua 0,327 /L ( )

PNEC Suolo/earth/suelo/sol/gleba/ 2,31 / ( )

**100-41-4 ethylbenzene**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua 0,1 /L ( )

PNEC Suolo/earth/suelo/sol/gleba/ 2,68 / ( )

**110-19-0 isobutyl acetate**

PNEC Acqua dolce/water/woda sjo'dka/eau/agua 0,17 /L ( )

PNEC Suolo/earth/suelo/sol/gleba/ 0,0755 / ( )

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<b>141-78-6 ethyl acetate</b>		(	6)
PNEC Acqua dolce/water/woda słodka/eau/agua	0,26 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	0,24 / ( )		
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>			
PNEC Acqua dolce/water/woda słodka/eau/agua	0,635 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ( )		
<b>64-17-5 ethanol</b>			
PNEC Acqua dolce/water/woda słodka/eau/agua	0,96 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	0,63 / ( )		
<b>78-93-3 butanone</b>			
PNEC Acqua dolce/water/woda słodka/eau/agua	55,8 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	22,5 / ( )		
<b>E96096</b>			
PNEC Acqua dolce/water/woda słodka/eau/agua	0,0368 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	103906 / ( )		

8.2



EN 374

89/686/

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**9**

· 9.1

pH:

64 °C

-4 °C

315 °C

1,0 . %  
15,0 . %

20 °C: 105

20 °C: 0,99 /cm<sup>3</sup>



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.	(n- /
.	):
.	:
.	20 °C: 40 s (ISO 4 mm)
.	:
.	( +
.	VOC (EC) 50,50 % 499,9 /
.	: 49,5 %
<b>9.2</b>	-

**10**

- 10.1
- 10.2

- 10.3

- 10.4

- 10.5

- 10.6

**11**

- 11.1

LD/LC50 ( / ),	
1330-20-7 xylene	
( )	LD50 3523 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50 2001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4 27,571 / (rat/szczur/mouse/souris/Maus/rat n)

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<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>110-19-0 isobutyl acetate</b>		
( )	LD50	13400 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	17401 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	31 / (rat/szczur/mouse/souris/Maus/rat n)
<b>141-78-6 ethyl acetate</b>		
( )	LD50	4934 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LD50	20001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	1600 / (rat/szczur/mouse/souris/Maus/rat n)
	LC0	22,6 ppm (mouse)
<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>64-17-5 ethanol</b>		
( )	LD50	10470 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	20000 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	124,7 / (rat/szczur/mouse/souris/Maus/rat n)
<b>78-93-3 butanone</b>		
( )	LD50	2001 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	5001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50	21 / (rat/szczur/mouse/souris/Maus/rat n)
<b>E96096</b>		
( )	LD50	2001 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	2001 / (rat/szczur/mouse/souris/Maus/rat n)

**12**

· 12.1

<b>100-41-4 ethylbenzene</b>	
EC50	75 / (daphnia) (48 .)
<b>110-19-0 isobutyl acetate</b>	
EC50	370 / ( ) (72 .)
	25 / (daphnia)

11)

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		( 10)
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	1001 / ( ) (72 .)	
	501 / (daphnia) (48 .)	
LC50 (96 .)	134 / ( )	
<b>64-17-5 ethanol</b>		
EC50	5012 / (daphnia) (48 .)	
LC50 (96 .)	15,3 / ( )	
<b>78-93-3 butanone</b>		
EC50	2029 / ( ) (96 .)	
	308 / (daphnia) (48 .)	
LC50 (96 .)	2993 / ( )	
<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	.

• 12.3

• 12.4

2 ( - ):

• 12.5

**PBT** (

) vPvB ( )

• PBT:

• vPvB:

• 12.6

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**13**

· 13.1

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**14**

· 14.1 **UN**  
· ADR, IMDG, IATA

UN1263

· 14.2  
· ADR  
· IMDG, IATA

UN1263  
PAINT , 640D

· 14.3  
· ADR, IMDG, IATA



3  
3

· 14.4  
· ADR, IMDG, IATA

II

· 14.5

· 14.6

· EMS: ( ):  
· Stowage Category

33  
F-E, S-E  
B

· 14.7

**MARPOL73/78 (**  
**) IBC Code (**  
**)**

II

( 13)

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**: FONDO PUR ELETTR. EXTRA**

( 12)

· <b>ADR</b>		(LQ)	5L	
		(EQ)	: E2	
				: 30
				: 500
· <b>IMDG</b>			5L	
· Limited quantities (LQ)			Code: E2	
· Excepted quantities (EQ)			Maximum net quantity per inner packaging: 30	
			Maximum net quantity per outer packaging: 500	
· UN "Model Regulation":			UN 1263	
			640D, 3, II	

**15**

· 15.1

1907/2006 1272/2008  
2012/18/EU  
1: 5000  
2: 50000

· P

· 15.2

**16**

H225  
H226  
H304  
H312  
H315  
H317  
H319  
H332  
H335

14)

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H336

H373

H413

( 13)

: 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. 1: Skin sensitisation . Category 1

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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