

: 22.03.2017

: 13.03.2017

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TA18000

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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

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· 2.1

( ) 1272/2008



Flam. Liq. 2 H225



STOT RE 2 H373



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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**TA18000**

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( 1)

xylene  
4-hydroxy-4-methylpentan-2-one

H225  
H315  
H319  
H335  
H373

P210 / / / ..

P241 /

P303+P361+P353 ( ):

P305+P351+P338 :

P405  
P501 /

2.3

PBT ( ) vPvB

PBT:  
vPvB:

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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	2,5-4,99%

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CAS: 123-42-2 EINECS: 204-626-7	4-hydroxy-4-methylpentan-2-one ⚠ Flam. Liq. 3, H226 ⚠ Eye Irrit. 2, H319; STOT SE 3, H335	( 2) 1-2,499%
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	1-2,499%

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48

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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>123-42-2 4-hydroxy-4-methylpentan-2-one</b>	
PDK	: 100 /m <sup>3</sup>
/	
<b>141-78-6 ethyl acetate</b>	
PDK	: 200 /m <sup>3</sup> : 50 /m <sup>3</sup>
/	

**DNEL**

<b>1330-20-7 xylene</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	289 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / 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>110-19-0 isobutyl acetate</b>		
( )	DNEL	243 /mc ( )
	DNEL	4,95 / b w / d ( )
<b>123-42-2 4-hydroxy-4-methylpentan-2-one</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	240 /mc ( )
	DNEL	66,4 /mc ( )
	DNEL	9,4 / b w / d ( )

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**141-78-6 ethyl acetate**

	DNEL	4,5 / bw/d (popolazione)
	DNEL acuto/agudo/ostre/aigu/acute/akut	1468 /mc ( )
		734 /mc (popolazione)
	DNEL	734 /mc ( )
		367 /mc (popolazione)
	DNEL	63 / bw/d ( )
		37 / bw/d (popolazione)

**PNEC**

**1330-20-7 xylene**

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

**100-41-4 ethylbenzene**

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

**110-19-0 isobutyl acetate**

PNEC Acqua dolce/water/woda słodka/eau/agua	0,17 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,0755 / ( )

**141-78-6 ethyl acetate**

PNEC Acqua dolce/water/woda słodka/eau/agua	0,26 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,24 / ( )

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*pH:*

77 °C

-4 °C

>370 °C

1,0 . %

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LD/LC50 ( / ),

:

**1330-20-7 xylene**

( )

LD50 3523 / (rat/szczur/mouse/souris/Maus/rat n)

( )

LD50 1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)

**100-41-4 ethylbenzene**

( )

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)

**110-19-0 isobutyl acetate**

( )

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)

**123-42-2 4-hydroxy-4-methylpentan-2-one**

( )

LD50 3002 / (rat/szczur/mouse/souris/Maus/rat n)

( )

LD50 13630 / (rab)

**141-78-6 ethyl acetate**

( )

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)

**12**

**12.1**

:

**100-41-4 ethylbenzene**

EC50 75 / (daphnia) (48 .)

**110-19-0 isobutyl acetate**

EC50 370 / ( ) (72 .)

25 / (daphnia)

LC50 (96 .) 17 / ( )

**123-42-2 4-hydroxy-4-methylpentan-2-one**

EC50 1001 / ( ) (72 .)

1000 / (daphnia) (48 .)

LC50 (96 .) 101 / ( )

**141-78-6 ethyl acetate**

EC50 165 / (daphnia) (48 .)

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LC50 (96 h) 230 / ( )

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· 12.4

2 ( - ):

· 12.5

**PBT** (

) vPvB (

)

· **PBT:**

· **vPvB:**

· 12.6

**13**

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080111

**14**

· 14.1 **UN**

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

UN1263

· IMDG, IATA

PAINT

· 14.3

· ADR, IMDG, IATA



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· **14.4**

· *ADR, IMDG, IATA*

III

· **14.5**

:

:

· **14.6**

:

· *EMS:* ( ): -  
· *Stowage Category* F-E, S-E  
A

· **14.7**

II

**MARPOL73/78** (

) **IBC Code** (

)

· / :

· **ADR**

·

·

(LQ)

(EQ)

5L

: E1

: 30

: 1000

·

·

3

E

· **IMDG**

· *Limited quantities (LQ)*

· *Excepted quantities (EQ)*

5L

Code: E1

*Maximum net quantity per inner packaging: 30*

*Maximum net quantity per outer packaging: 1000*

· **UN "Model Regulation":**

UN 1263

, 3, III

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· **15.1**

· ,  
,  
1907/2006 1272/2008  
2012/18/EU

1: 5000

2: 50000

· **P**

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**TA18000**

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15.2

:

(

11)

**16**

:

H225  
H226  
H304  
H312  
H315  
H319  
H332  
H335  
H336  
H373

: 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

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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