

: 22.03.2017

: 15.03.2017

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· 1.1

TP60

· 1.2.

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

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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· 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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**TP60**

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( 1)

xylene

H225  
H315  
H319  
H335  
H373

P210 / / / ..

P241 /

P303+P361+P353 ( ):

P305+P351+P338 :

P405  
P501 /

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, H225 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: 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: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate Flam. Liq. 2, H225 STOT SE 3, H336	1-2,499%

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16.

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**4.2**

**4.3**

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**5.1**

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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>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PDK	: 10 /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>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	DNEL	275 /mc ( )
	DNEL	153,5 / b w / d ( )
<b>110-19-0 isobutyl acetate</b>		
( )	DNEL	243 /mc ( )
	DNEL	4,95 / b w / d ( )

**PNEC**

<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 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,635 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ( )

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**110-19-0 isobutyl acetate**

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

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EN 374

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<b>9</b>
<p><b>9.1</b></p>
<p><b>pH:</b></p>
<p style="text-align: right;">117 °C</p>
<p style="text-align: right;">18 °C</p>
<p style="text-align: right;">315 °C</p>
<p style="text-align: right;">1,0 % 10,8 %</p>
<p style="text-align: right;">20 °C: 20</p>
<p style="text-align: right;">20 °C: 0,988 /cm<sup>3</sup></p>
<p style="text-align: right;">(n- /</p>
<p style="text-align: right;">20 °C: 55 s (ISO 6 mm)</p>
<p style="text-align: right;">+ 50,85 % 502,4 /</p>
<p><b>VOC (EC)</b></p>

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· 9.2

: 49,1 %

**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 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)

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

( )

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)

**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)

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**12**

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:	
<b>100-41-4 ethylbenzene</b>	
EC50	75 / (daphnia) (48 .)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
EC50	1001 / ( ) (72 .)
	501 / (daphnia) (48 .)
LC50 (96 .)	134 / ( )
<b>110-19-0 isobutyl acetate</b>	
EC50	370 / ( ) (72 .)
	25 / (daphnia)
LC50 (96 .)	17 / ( )

· 12.2

· 12.3

· 12.4

2 ( - ):

· 12.5

) vPvB ( PBT ( )

· PBT:

· vPvB:

· 12.6

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· 13.1

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

· **14.7** II  
MARPOL73/78 ( )  
) IBC Code ( )  
)

· ADR  
: (LQ) 5L : E1  
: (EQ)  
: 30  
: 1000  
: 3  
: E

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**TP60**

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**· 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

**15**

**· 15.1**

1907/2006 1272/2008  
2012/18/EU

1: 5000

2: 50000

**· P**

**· 15.2**

**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)

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*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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