

: 25.05.2017

: 04.05.2017

1

· 1.1

TO933

: **FINITURA PU TRASPARENTE OP30**

· 1.2.

· 1.3

IVM Chemicals Srl

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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

STOT SE 3 H335

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

: 25.05.2017

: 04.05.2017

**TO933**  
**: FINITURA PU TRASPARENTE OP30**

xylene

H225  
H315  
H319  
H335  
H373

P210

P241

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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: 25.05.2017

: 04.05.2017

**TO933**  
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RU

: 25.05.2017

: 04.05.2017

**TO933**  
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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>
<b>78-93-3 butanone</b>	
PDK	: 400 /m <sup>3</sup> : 200 /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>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	DNEL	275 /mc ( )
	DNEL	153,5 / b w / d ( )

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: 25.05.2017

: 04.05.2017

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<b>78-93-3 butanone</b>		( )	5)
( )	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 sŕpdka/eau/agua	0,327 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ( )		
<b>100-41-4 ethylbenzene</b>			
PNEC Acqua dolce/water/woda sŕpdka/eau/agua	0,1 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ( )		
<b>110-19-0 isobutyl acetate</b>			
PNEC Acqua dolce/water/woda sŕpdka/eau/agua	0,17 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	0,0755 / ( )		
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>			
PNEC Acqua dolce/water/woda sŕpdka/eau/agua	0,635 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ( )		
<b>78-93-3 butanone</b>			
PNEC Acqua dolce/water/woda sŕpdka/eau/agua	55,8 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	22,5 / ( )		
<b>E96096</b>			
PNEC Acqua dolce/water/woda sŕpdka/eau/agua	0,0368 /L ( )		
PNEC Suolo/earth/suelo/sol/gleba/	103906 / ( )		

8.2

**T0933**  
**: FINITURA PU TRASPARENTE OP30**



EN 374

89/686/

**9**

9.1

pH:

64 °C

-4 °C

315 °C





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: 04.05.2017

**TO933**  
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**11**

11.1

LD/LC50 ( / ),		
<b>1330-20-7 xylene</b>		
( )	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)
<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>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>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 .)

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**TO933**  
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<b>110-19-0 isobutyl acetate</b>	
EC50	370 / ( ) (72 .)
	25 / (daphnia)
LC50 (96 .)	17 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
EC50	1001 / ( ) (72 .)
	501 / (daphnia) (48 .)
LC50 (96 .)	134 / ( )
<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	.
108-65-6	2-methoxy-1-methylethyl acetate	.
78-93-3	butanone	.

· 12.3

· 12.4

2 ( - ):

· 12.5

**PBT** (

) vPvB ( )

· PBT:

· vPvB:

· 12.6

**13**

· 13.1

: 25.05.2017

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**TO933**  
**: FINITURA PU TRASPARENTE OP30**

080111

( 10)

**14**

**· 14.1 UN**

· ADR, IMDG, IATA

UN1263

**· 14.2**

· ADR

UN1263

640D

· IMDG, IATA

PAINT

**· 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 (**

**II**

**) IBC Code (**

**)**

· ADR

(LQ)

5L

(EQ)

: E2

: 30

: 500

2

D/E

( 12)

RU

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**TO933**  
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**· IMDG**

· *Limited quantities (LQ)*

· *Excepted quantities (EQ)*

5L

Code: E2

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

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

( 13)

**TO933**  
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*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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