

: 23.03.2017

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PZ361

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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 SE 3 H336

· 2.2

(EC) 1272/2008

(CLP).



GHS02 GHS07

n-butyl acetate  
isobutyl acetate

H225  
H336

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P210 / / / ..  
 P241 /  
 P261 / / / / /  
 P303+P361+P353 ( ): /  
 P405  
 P501 /

**2.3** PBT ( ) vPvB  
 ( )  
 PBT:  
 vPvB:

**3**

**3.2**

CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	15-19,99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	10-14,99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate ⚠ Flam. Liq. 2, H225 ⚠ STOT SE 3, H336	10-14,99%
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	1-2,499%

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**4.1**

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<b>123-86-4 n-butyl 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>1330-20-7 xylene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>

**DNEL**

<b>123-86-4 n-butyl acetate</b>		
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	960 /mc ( ) 859,7 /mc (popolazione) 480 /mc ( ) 102,34 /mc (popolazione)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	DNEL	275 /mc ( )

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	DNEL	153,5 / bw/d ( )	4)
<b>110-19-0 isobutyl acetate</b>			
( )	DNEL	243 /mc ( )	
	DNEL	4,95 / bw/d ( )	
<b>1330-20-7 xylene</b>			
( )	DNEL acuto/agudo/ostre/ aigu/acute/akut	289 /mc ( )	
	DNEL	77 /mc ( )	
	DNEL	180 / bw/d ( )	

**PNEC**

<b>123-86-4 n-butyl acetate</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,18 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ( )
<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>110-19-0 isobutyl acetate</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,17 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,0755 / ( )
<b>1330-20-7 xylene</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,327 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ( )

**8.2**

EN 374

89/686/

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**pH:**

117 °C

18 °C

315 °C

1,1 %  
10,8 %

20 °C: 20

20 °C: 1 /cm<sup>3</sup>

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20 °C:	101 s (ISO 6 mm)
VOC (EC)	43,17 % 431,7 /
9.2	56,8 %

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LD/LC50 ( / ),		
<b>123-86-4 n-butyl acetate</b>		
( )	LD50	10760 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	14000 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	21,1 / (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>110-19-0 isobutyl acetate</b>		
( )	LD50	13400 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	17401 / (rabbit/kr lik/Kaninchen/conejo/lapin)

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( )	LC50/4	31	/ (rat/szczur/mouse/souris/Maus/rat n)
<b>1330-20-7 xylene</b>			
( )	LD50	3523	/ (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	1701	/ (rabbit/kr lik/Kaninchen/conejo/lapin)

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<b>123-86-4 n-butyl acetate</b>	
EC50	648 / ( ) (72 .)
	44 / (daphnia) (48 .)
LC50 (96 .)	18 / ( )
<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 / ( )

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) vPvB ( PBT ( )

· PBT:

· vPvB:

· 12.6



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**13**

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080111

**14**

· 14.1 **UN**  
· ADR, IMDG, IATA

UN1263

· 14.2  
· ADR  
· IMDG, IATA

UN1263  
PAINT

· 14.3  
· ADR, IMDG, IATA



3  
3

· 14.4  
· ADR, IMDG, IATA

III

· 14.5

· 14.6

· EMS: ( ):  
· Stowage Category

-  
F-E, S-E  
A

· 14.7

MARPOL73/78 (

II

) IBC Code (

)

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( 9)

**· ADR**

(LQ)

5L

(EQ)

: 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

**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

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: 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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