

: 22.03.2017

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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

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· 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:

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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	20-<25%
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: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	5-9,99%
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%

16.

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48

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123-86-4 n-butyl acetate	
PDK	: 200 /m ³ : 50 /m ³
108-65-6 2-methoxy-1-methylethyl acetate	
PDK	: 10 /m ³
1330-20-7 xylene	
PDK	: 150 /m ³ : 50 /m ³

DNEL

123-86-4 n-butyl acetate		
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	960 /mc () 859,7 /mc (popolazione) 480 /mc () 102,34 /mc (popolazione)
110-19-0 isobutyl acetate		
()	DNEL	243 /mc ()

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	DNEL	4,95 / bw/d ()	4)
108-65-6 2-methoxy-1-methylethyl acetate			
()	DNEL	275 /mc ()	
	DNEL	153,5 / bw/d ()	
1330-20-7 xylene			
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	289 /mc ()	
	DNEL	77 /mc ()	
	DNEL	180 / bw/d ()	

PNEC

123-86-4 n-butyl acetate			
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,18 /L ()		
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ()		
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 / ()		
108-65-6 2-methoxy-1-methylethyl acetate			
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,635 /L ()		
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ()		
1330-20-7 xylene			
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,327 /L ()		
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ()		

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EN 374

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pH:

117 °C

18 °C

315 °C

1,1 %
10,8 %

20 °C: 20

20 °C: 1,081 /cm³

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20 °C:	25 s (ISO 6 mm)
VOC (EC)	42,11 % 455,3 /
9.2	57,9 %

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- 10.1
- 10.2

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10.4

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- 11.1

LD/LC50 (/),		
123-86-4 n-butyl acetate		
()	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)
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)
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)

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()	LC50/4	35,7	/ (rat/szczur/mouse/souris/Maus/rat n)
1330-20-7 xylene			
()	LD50	3523	/ (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	1701	/ (rabbit/kr lik/Kaninchen/conejo/lapin)

12

· 12.1

123-86-4 n-butyl acetate			
EC50	648	/ ()	(72 .)
	44	/ (daphnia)	(48 .)
LC50 (96 .)	18	/ ()	
110-19-0 isobutyl acetate			
EC50	370	/ ()	(72 .)
	25	/ (daphnia)	
LC50 (96 .)	17	/ ()	
108-65-6 2-methoxy-1-methylethyl acetate			
EC50	1001	/ ()	(72 .)
	501	/ (daphnia)	(48 .)
LC50 (96 .)	134	/ ()	

· 12.2

· 12.3

· 12.4

1 (-):

· 12.5

) vPvB (PBT ())

· PBT:

· vPvB:

· 12.6

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(8)

13

· 13.1

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

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· 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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