

: 15.02.2017

: 11.02.2017

1

· 1.1

PZ344

· 1.2.

· 1.3

IVM Chemicals Srl
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

2

· 2.1

() 1272/2008



Flam. Liq. 2 H225



STOT SE 3 H336

· 2.2

(EC) 1272/2008

(CLP).



GHS02 GHS07

n-butyl acetate

H225
H336

: 15.02.2017

: 11.02.2017

PZ344

P210 / / / (1)
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	30-39,99%
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: 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	5-9,99%
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	1-2,499%

16.

4

4.1

48

3)

RU

: 15.02.2017

: 11.02.2017

PZ344

: -

(2)

· 4.2

· 4.3

, . 11

5

· 5.1

· 5.2

· 5.3

6

()

· 6.1

· 6.2

· 6.3

· 6.4

7.

8.

13.

13.

7

· 7.1

(4)

RU

: 15.02.2017

: 11.02.2017

PZ344

: -

(3)

7.2

8

7.3

()

8

/

; 7.

8.1

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
100-41-4 ethylbenzene	
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) DNEL 480 /mc ()

5)

RU

: 15.02.2017

: 11.02.2017

PZ344

		102,34 /mc (popolazione)	4)
108-65-6 2-methoxy-1-methylethyl acetate			
()	DNEL	275 /mc ()	
	DNEL	153,5 / b w / d	()
1330-20-7 xylene			
()	DNEL acuto/agudo/ostre/aigu/acute/akut	289 /mc ()	
	DNEL	77 /mc ()	
	DNEL	180 / b w / d	()
100-41-4 ethylbenzene			
()	DNEL acuto/agudo/ostre/aigu/acute/akut	293 /mc ()	
	DNEL	77 /mc ()	
	DNEL	180 / b w / d	()

PNEC

123-86-4 n-butyl acetate	
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,18 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ()
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,635 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ()
1330-20-7 xylene	
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,327 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ()
100-41-4 ethylbenzene	
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,1 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ()

8.2

EN 374

89/686/

6)

RU

: 15.02.2017

: 11.02.2017

PZ344



9

9.1

pH:

78 °C

22 °C

315 °C

1,0 %
10,8 %

20 °C: 10,7

20 °C: 1,028 /cm³

: 15.02.2017

: 11.02.2017

PZ344

: -

(6)

·	:	/	.
·	:	(n- /	.
·	:	:	.
·	:	20 °C:	55 s (ISO 6 mm)
·	:	:	.
·	:	(+	.
·	:	VOC (EC)	57,58 % 591,8 /
·	:	:	42,4 %
·	:	9.2	.

10

· 10.1

· 10.2

· 10.3

· 10.4

· 10.5

· 10.6

11

· 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)
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)

8)

RU

: 15.02.2017

: 11.02.2017

PZ344

: -

()	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)
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)

12

· 12.1

123-86-4 n-butyl acetate			
EC50	648	/ ()	(72 .)
	44	/ (daphnia)	(48 .)
LC50 (96 .)	18	/ ()	
108-65-6 2-methoxy-1-methylethyl acetate			
EC50	1001	/ ()	(72 .)
	501	/ (daphnia)	(48 .)
LC50 (96 .)	134	/ ()	
100-41-4 ethylbenzene			
EC50	75	/ (daphnia)	(48 .)

· 12.2

· 12.3

· 12.4

2 (-):

· 12.5

) vPvB (PBT ()

· PBT:

· vPvB:

· 12.6

: 15.02.2017

: 11.02.2017

PZ344

(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 (

)

(10)

: 15.02.2017

: 11.02.2017

PZ344

: -

(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

(11)

RU

PZ344

: -

(10)

: IVM Chemicals Srl

: Carlo Porta

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

. *