

: 15.02.2017

: 11.02.2017

1

· 1.1

PZ340

· 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 RE 2 H373



Skin Irrit. 2 H315

Eye Irrit. 2 H319

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

: 15.02.2017

: 11.02.2017

PZ340

xylene

H225
H315
H319
H373

P210 / / /

P241 /

P303+P361+P353 ():

P305+P351+P338 :

P403+P235 /
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: 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	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	10-14,99%
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	2,5-4,99%

16.

RU

3)

: 15.02.2017

: 11.02.2017

PZ340

(2)

4

· 4.1

· :
()
· : ()
· :
(20)
· :
· :
· 4.2
· 4.3
· : .11

48'

5

· 5.1

· 5.2

· 5.3

6

()

· 6.1

(4)

: 15.02.2017

: 11.02.2017

PZ340

· 6.2

· 6.3

· 6.4

7

· 7.1

· 7.2

· 7.3

8

· 8.1

123-86-4 n-butyl acetate

PDK	: 200 /m ³
	: 50 /m ³

: 15.02.2017

: 11.02.2017

PZ340

1330-20-7 xylene		()	4)
PDK	: 150 /m ³ : 50 /m ³	/	
108-65-6 2-methoxy-1-methylethyl acetate			
PDK	: 10 /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 ()	
	DNEL	859,7 /mc (popolazione) 480 /mc () 102,34 /mc (popolazione)	
1330-20-7 xylene			
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	289 /mc ()	
	DNEL	77 /mc ()	
	DNEL	180 / b w / d ()	
108-65-6 2-methoxy-1-methylethyl acetate			
()	DNEL	275 /mc ()	
	DNEL	153,5 / 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 sjo'dka/eau/agua	0,18 /L ()		
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ()		
1330-20-7 xylene			
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,327 /L ()		
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ()		
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 / ()		
100-41-4 ethylbenzene			
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,1 /L ()		

6)

RU

: 15.02.2017

: 11.02.2017

PZ340

PNEC Suolo/earth/suelo/sol/gleba/

2,68 / (L)

5)

8.2



/
EN 374

89/686/



RU
7)

: 15.02.2017

: 11.02.2017

PZ340

(6)

9

9.1

pH:	
124 °C	
22 °C	
315 °C	
1,0 %	
10,8 %	
20 °C:	10,7
20 °C:	1,074 /cm ³
(n-	/
):	
20 °C:	55 s (ISO 6 mm)
VOC (EC)	41,57 % 446,6 /

(8)

: 15.02.2017

: 11.02.2017

PZ340

:

(7)

· 9.2

: 58,4 %

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)

1330-20-7 xylene

()	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)

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)

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)

:

:

(9)

RU

: 15.02.2017

: 11.02.2017

PZ340

(8)

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

13

· 13.1

080111

(10)

RU

: 15.02.2017

: 11.02.2017

PZ340

(9)

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: (): -
· Stowage Category F-E, S-E
A

· **14.7** II

MARPOL73/78 ()
) IBC Code ()

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

(11)

: 15.02.2017

: 11.02.2017

PZ340

(10)

· 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

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

(12)

: 15.02.2017

: 11.02.2017

PZ340

:

.

(11)

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

.*

RU