

: 23.03.2017

: 23.03.2017

1

· 1.1

PA60

: **FONDO PUR B.CO X PU ESPANSO**

· 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

Asp. Tox. 1 H304



Skin Irrit. 2 H315

Eye Irrit. 2 H319

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

(1)

xylene

H225
H315
H319
H373

H304

P210 / / /

P301+P310 : /

P303+P361+P353 ():

P305+P351+P338 :

P405
P501 /

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	10-14,99%
CAS: 123-42-2 EINECS: 204-626-7	4-hydroxy-4-methylpentan-2-one Flam. Liq. 3, H226 Eye Irrit. 2, H319; STOT SE 3, H335	5-9,99%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	2,5-4,99%
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%

(3)

RU

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

(2)

16.

4

· 4.1

· :
(). 48'
· : ()
· :
(20).
· :
· :
· 4.2 , ,
· 4.3 , . 11

5

· 5.1

· 5.2

· 5.3

6

· 6.1

()

(4)
RU

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

· 6.2

· 6.3

· 6.4

(3)

13.

7.

8.

13.

7

· 7.1

· 7.2

· 7.3

/

/

8

()

8

; 7.

(5)

RU

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

(4)

8.1

1330-20-7 xylene	
PDK	: 150 /m ³ : 50 /m ³
123-42-2 4-hydroxy-4-methylpentan-2-one	
PDK	: 100 /m ³
141-78-6 ethyl acetate	
PDK	: 200 /m ³ : 50 /m ³
100-41-4 ethylbenzene	
PDK	: 150 /m ³ : 50 /m ³

DNEL

1330-20-7 xylene	
()	DNEL acuto/agudo/ostre/aigu/acute/akut 289 /mc () DNEL 77 /mc () DNEL 1 8 0 / b w / d ()
123-42-2 4-hydroxy-4-methylpentan-2-one	
()	DNEL acuto/agudo/ostre/aigu/acute/akut 240 /mc () DNEL 66,4 /mc () DNEL 9, 4 / b w / d ()
141-78-6 ethyl acetate	
()	DNEL 4, 5 / b w / d (popolazione)
()	DNEL acuto/agudo/ostre/aigu/acute/akut 1468 /mc () 734 /mc (popolazione) DNEL 734 /mc () 367 /mc (popolazione) DNEL 6 3 / b w / d () 37 / bw/d (popolazione)
100-41-4 ethylbenzene	
()	DNEL acuto/agudo/ostre/aigu/acute/akut 293 /mc () DNEL 77 /mc ()

6)

RU

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

	DNEL	180 / bw/d ()	5)
PNEC			
1330-20-7 xylene			
PNEC Acqua dolce/water/woda słodka/eau/agua	0,327	/L ()	
PNEC Suolo/earth/suelo/sol/gleba/	2,31	/ ()	
141-78-6 ethyl acetate			
PNEC Acqua dolce/water/woda słodka/eau/agua	0,26	/L ()	
PNEC Suolo/earth/suelo/sol/gleba/	0,24	/ ()	
100-41-4 ethylbenzene			
PNEC Acqua dolce/water/woda słodka/eau/agua	0,1	/L ()	
PNEC Suolo/earth/suelo/sol/gleba/	2,68	/ ()	

8.2



/
EN 374

89/686/

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO



(6)

9

9.1

pH:

77 °C

-4 °C

>370 °C

1,0 %
11,5 %

20 °C: 97

20 °C: 1,502 /cm³

(n- /

20 °C: 40 s (ISO 4 mm)

(8)

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

	()
	:	
	(+
	)	24,95 %
VOC (EC)		374,7 /
9.2	:	75,1 %

10

· 10.1

· 10.2

· 10.3

· 10.4

· 10.5

· 10.6

11

· 11.1

	LD/LC50 (/),
	:		
1330-20-7 xylene			
(	)	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
(	)	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)
123-42-2 4-hydroxy-4-methylpentan-2-one			
(	)	LD50	3002 / (rat/szczur/mouse/souris/Maus/rat n)
(	)	LD50	13630 / (rab)
141-78-6 ethyl acetate			
(	)	LD50	4934 / (rabbit/kr lik/Kaninchen/conejo/lapin)
(	)	LD50	20001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
(	)	LC50/4	1600 / (rat/szczur/mouse/souris/Maus/rat n)
		LC0	22,6 ppm (mouse)

9)

RU

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

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

123-42-2 4-hydroxy-4-methylpentan-2-one	
EC50	1001 / () (72 .)
	1000 / (daphnia) (48 .)
LC50 (96 .)	101 / ()
141-78-6 ethyl acetate	
EC50	165 / (daphnia) (48 .)
LC50 (96 .)	230 / ()
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

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

(9)

080111

14

· 14.1 **UN**

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

· IMDG, IATA

UN1263

PAINT

640D

· 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

(11)

: 23.03.2017

: 23.03.2017

PA60
: FONDO PUR B.CO X PU ESPANSO

(10)

·	2
·	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	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
H319
H332
H335
H336
H373

: 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

(12)

PA60
: FONDO PUR B.CO X PU ESPANSO

(11)

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

.*