

: 22.03.2017

: 14.03.2017

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· 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

STOT SE 3 H335

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

: 22.03.2017

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T000	
:	. 100 .
	(1)
xylene	
H225	
H315	
H319	
H335	
H373	
P210	/ / /
P241	/
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	30-39,99%
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	5-9,99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate Flam. Liq. 2, H225 STOT SE 3, H336	2,5-4,99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	2,5-4,99%
		3)

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CAS: 141-78-6	ethyl acetate	(2)
EINECS: 205-500-4	Flam. Liq. 2, H225	2,5-4,99%
Reg.nr.: 01-2119475103-46-XXXX	Eye Irrit. 2, H319; STOT SE 3, H336	

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48

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:	
1330-20-7 xylene	
PDK	: 150 /m ³ : 50 /m ³
/	
100-41-4 ethylbenzene	
PDK	: 150 /m ³ : 50 /m ³
/	
108-65-6 2-methoxy-1-methylethyl acetate	
PDK	: 10 /m ³
/	
141-78-6 ethyl acetate	
PDK	: 200 /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 ()
100-41-4 ethylbenzene		
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	293 /mc ()
	DNEL	77 /mc ()
	DNEL	1 8 0 / b w / d ()
110-19-0 isobutyl acetate		
()	DNEL	243 /mc ()
	DNEL	4 , 9 5 / b w / d ()
108-65-6 2-methoxy-1-methylethyl acetate		
()	DNEL	275 /mc ()
	DNEL	1 5 3 , 5 / 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 ()

(6)

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	DNEL	367 /mc (popolazione) 63 / bw / d () 37 / bw/d (popolazione)
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PNEC

1330-20-7 xylene

PNEC Acqua dolce/water/woda słodka/eau/agua	0,327 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ()

100-41-4 ethylbenzene

PNEC Acqua dolce/water/woda słodka/eau/agua	0,1 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ()

110-19-0 isobutyl acetate

PNEC Acqua dolce/water/woda słodka/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 słodka/eau/agua	0,635 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ()

141-78-6 ethyl acetate

PNEC Acqua dolce/water/woda słodka/eau/agua	0,26 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,24 / ()

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/ EN 374

89/686/ ..

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pH:

77 °C

-4 °C

315 °C

1,0 . %
11,5 . %

20 °C: 97

20 °C: 0,971 /cm³

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(7)	
:	:
/	.
):	(n- /
:	:
20 °C:	38 s (ISO 6 mm)
:	:
(+	54,71 %
· VOC (EC)	531,1 /
:	45,3 %
· 9.2	-

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)

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()	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)	8)
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)	
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)	
()	LC50/4	35,7 / (rat/szczur/mouse/souris/Maus/rat n)	
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)	

12

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100-41-4 ethylbenzene	
EC50	75 / (daphnia) (48 .)
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 / ()
141-78-6 ethyl acetate	
EC50	165 / (daphnia) (48 .)
LC50 (96 .)	230 / ()

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· 12.3

(9)

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2 (-):

· 12.5

PBT (

) vPvB (

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· PBT:

· vPvB:

· 12.6

13

· 13.1

080111

14

· 14.1 **UN**

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

UN1263

640D

· IMDG, IATA

PAINT

· 14.3

· ADR, IMDG, IATA



3

3

· 14.4

· ADR, IMDG, IATA

II

11)

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: 22.03.2017

: 14.03.2017

T000
: . 100 .

(10)
<p>· 14.5 :</p>
<p>· 14.6 :</p>
<p>· EMS: (): 33 F-E, S-E · Stowage Category B</p>
<p>· 14.7 II MARPOL73/78 () IBC Code ()</p>
<p>· ADR (LQ) 5L : E2 (EQ) : 30 : 500 2 D/E</p>
<p>· IMDG · Limited quantities (LQ) 5L · Excepted quantities (EQ) Code: E2 Maximum net quantity per inner packaging: 30 Maximum net quantity per outer packaging: 500</p>
<p>· UN "Model Regulation": UN 1263 , 640D, 3, II</p>

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1907/2006 1272/2008
2012/18/EU

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· 15.2

(11)

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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
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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