

: 22.03.2017

: 13.03.2017

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· 1.1

TAS002

: **FDO PU TRASP**

· 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

: 13.03.2017

TAS002
: FDO PU TRASP

xylene
4-hydroxy-4-methylpentan-2-one

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%

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RU

: 22.03.2017

: 13.03.2017

TAS002
: FDO PU TRASP

(3)

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: 22.03.2017

: 13.03.2017

TAS002
: FDO PU TRASP

(4)

8

8.1

1330-20-7 xylene	
PDK	: 150 /m ³ : 50 /m ³
100-41-4 ethylbenzene	
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

DNEL

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 ()
110-19-0 isobutyl acetate		
()	DNEL	243 /mc ()
	DNEL	4,95 / 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 ()

(6)

: 22.03.2017

: 13.03.2017

TAS002
: FDO PU TRASP

141-78-6 ethyl acetate

()	DNEL	4,5 / bw/d (popolazione)
()	DNEL acuto/agudo/ostre/aigu/acute/akut	1468 /mc ()
		734 /mc (popolazione)
	DNEL	734 /mc ()
		367 /mc (popolazione)
	DNEL	63 / bw/d ()
		37 / bw/d (popolazione)

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 / ()

141-78-6 ethyl acetate

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

8.2



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EN 374

89/686/ ..

: 22.03.2017

: 13.03.2017

TAS002
: FDO PU TRASP



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pH:

77 °C

-4 °C

>370 °C

1,0 . %

8)

RU

: 22.03.2017

: 13.03.2017

**TAS002
: FDO PU TRASP**

LD/LC50 (/),		
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)
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)
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)

12

12.1

100-41-4 ethylbenzene	
EC50	75 / (daphnia) (48 .)
110-19-0 isobutyl acetate	
EC50	370 / () (72 .)
	25 / (daphnia)
LC50 (96 .)	17 / ()
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 .)

10)

RU

: 22.03.2017

: 13.03.2017

TAS002
: FDO PU TRASP

LC50 (96 .) 230 / ()

· 12.2

· 12.3

· 12.4

2 (-):

· 12.5

) vPvB (

PBT (

· PBT:

· vPvB:

· 12.6

13

· 13.1

080111

14

· 14.1

UN

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

· IMDG, IATA

UN1263

PAINT

· 14.3

· ADR, IMDG, IATA



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11)

RU

: 22.03.2017

: 13.03.2017

TAS002
: FDO PU TRASP

(10)

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
· (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**

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()

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RU

: 22.03.2017

: 13.03.2017

TAS002
: FDO PU TRASP

15.2

11)

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
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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