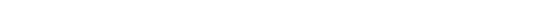


[illegible]

- 1.1** TS335
 $\geq \Sigma \leq \Delta \Sigma \Gamma \cdot \Sigma \leq \cdot \approx \Sigma \mid \geq \cdot \cdot 15^\infty$
1.2.
 $\leq \mid / \mid /$
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

[illegible]

- 2.1 ≤  (≈) N₀ 1272/2008



Flam. Liq. 2 H225

$\geq \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$



Repr. 2 H361d
STOT RE 2 H373

[illegible]

Skin Irrit. 2 H315

$$\sqrt{\frac{1}{2}} \begin{pmatrix} 1 & 1 \\ 1 & -1 \end{pmatrix} \frac{1}{\sqrt{2}} \begin{pmatrix} 1 & 1 \\ 1 & -1 \end{pmatrix} = \frac{1}{2} \begin{pmatrix} 1 & 1 \\ 1 & -1 \end{pmatrix} \begin{pmatrix} 1 & 1 \\ 1 & -1 \end{pmatrix} = \frac{1}{2} \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

Eye Irrit. 2 H319

$$\sqrt{\frac{1}{n} \sum_{j=1}^n \left(\frac{1}{\sigma_j^2} - \frac{1}{\sigma^2} \right)^2} = \sqrt{\frac{1}{n} \sum_{j=1}^n \left(\frac{1}{\sigma_j^2} - \frac{1}{\sigma^2} \right)^2}$$

STOT SE 3 H335-H336

[illegible]

- 2.2** *(EC) № 1272/2008*

TS335
≥ Σ ≤ Δ Σ Γ. Σ ≤ -. ≈ Σ | ≥ Γ. 15∞≥.

() 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	20-<25%
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	15-19,99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate Flam. Liq. 2, H225 STOT SE 3, H336	10-14,99%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-XXXX	butanone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	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	5-9,99%
CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-XXXX	toluene Flam. Liq. 2, H225 Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336 Aquatic Chronic 3, H412	3-4,99%
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	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%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-XXXX	propan-2-ol Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	2,5-4,99%
CAS: 80-62-6 EINECS: 201-297-1 Reg.nr.: 01-2119452498-28-XXXX	methyl methacrylate Flam. Liq. 2, H225 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	0,1-<0,5%
CAS: 868-77-9 EINECS: 212-782-2 Reg.nr.: 01-2119490169-29-XXXX	2-hydroxyethyl methacrylate Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0,1-<0,5%

16.

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() 4)

TS335
1500. $\geq \Sigma \leq \Delta \Sigma \Gamma. \Sigma \leq - \approx \Sigma \mid \geq \Gamma. 1500.$

(3) תאריך: 1907/2006/EC

4. תאריך: 1907/2006/EC

- 4.1. תאריך: 1907/2006/EC
- 4.2. תאריך: 1907/2006/EC
- 4.3. תאריך: 1907/2006/EC

5. תאריך: 1907/2006/EC

- 5.1. תאריך: 1907/2006/EC
- 5.2. תאריך: 1907/2006/EC
- 5.3. תאריך: 1907/2006/EC

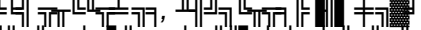
6. תאריך: 1907/2006/EC

- 6.1. תאריך: 1907/2006/EC

(5) תאריך: 1907/2006/EC

TS335

(| π | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4)

- 6.2 $\triangle$  :
- 6.3 $\triangle$  :
- 6.4  7.  8.  13.

7 [תתקן ■ ללך לך ■ ללך לך ■]

- [illegible]

8

- 8.1 | 

	
1330-20-7 xylene	
PDK	
	150 μm^3 50 μm^3

(1 2 3 4 5 6)

TS335
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5

141-78-6 ethyl acetate

PDK 200 4m³
50 4m³

78-93-3 butanone

PDK 400 4m³
200 4m³

100-41-4 ethylbenzene

PDK 150 4m³
50 4m³

108-88-3 toluene

PDK 150 4m³
50 4m³

123-86-4 n-butyl acetate

PDK 200 4m³
50 4m³

108-65-6 2-methoxy-1-methylethyl acetate

PDK 10 4m³

67-63-0 propan-2-ol

PDK 50 4m³
10 4m³

80-62-6 methyl methacrylate

PDK 20 4m³
10 4m³

DNEL

1330-20-7 xylene

DNEL acuto/agudo/ostre/aigu/acute/akut	289 4mc (popolazione)
DNEL	77 4mc (popolazione)
DNEL	180 4mc (popolazione)

141-78-6 ethyl acetate

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

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TS335
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6)

		37 $\mu\text{g bw/d}$ (popolazione)
110-19-0 isobutyl acetate		
$\text{C}_4\text{H}_8\text{O}_2$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOCH}_3$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOCH}_3$	DNEL DNEL	243 $\mu\text{g mc}$ (popolazione) 4,95 $\mu\text{g bw/d}$ (popolazione)
78-93-3 butanone		
$\text{C}_4\text{H}_8\text{O}$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}$	DNEL DNEL	600 $\mu\text{g mc}$ (popolazione) 1161 $\mu\text{g bw/d}$ (popolazione)
100-41-4 ethylbenzene		
C_8H_{10} $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_3$ $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_3$	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL DNEL	293 $\mu\text{g mc}$ (popolazione) 77 $\mu\text{g mc}$ (popolazione) 180 $\mu\text{g bw/d}$ (popolazione)
108-88-3 toluene		
C_7H_8 $\text{C}_6\text{H}_5\text{CH}_3$ $\text{C}_6\text{H}_5\text{CH}_3$	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	384 $\mu\text{g mc}$ (popolazione) 192 $\mu\text{g mc}$ (popolazione)
123-86-4 n-butyl acetate		
$\text{C}_6\text{H}_{12}\text{O}_2$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{COOCH}_3$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{COOCH}_3$	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	960 $\mu\text{g mc}$ (popolazione) 859,7 $\mu\text{g mc}$ (popolazione) 480 $\mu\text{g mc}$ (popolazione) 102,34 $\mu\text{g mc}$ (popolazione)
108-65-6 2-methoxy-1-methylethyl acetate		
$\text{C}_7\text{H}_{14}\text{O}_3$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{COOCH}_2\text{CH}_3$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{COOCH}_2\text{CH}_3$	DNEL DNEL	275 $\mu\text{g mc}$ (popolazione) 153,5 $\mu\text{g bw/d}$ (popolazione)
67-63-0 propan-2-ol		
$\text{C}_3\text{H}_8\text{O}$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$	DNEL DNEL DNEL	26 $\mu\text{g bw/d}$ (popolazione) 500 $\mu\text{g mc}$ (popolazione) 89 $\mu\text{g mc}$ (popolazione) 888 $\mu\text{g bw/d}$ (popolazione) 319 $\mu\text{g bw/d}$ (popolazione)
868-77-9 2-hydroxyethyl methacrylate		
$\text{C}_5\text{H}_8\text{O}_3$ $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}_2\text{OH}$ $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}_2\text{OH}$	DNEL DNEL	1,3 $\mu\text{g bw/d}$ (popolazione) 4,9 $\mu\text{g mc}$ (popolazione)
1330-20-7 xylene		
PNEC Acqua dolce/water/woda słodka/eau/agua PNEC Suolo/earth/suelo/sol/gleba/terra	0,327 $\mu\text{g L}^{-1}$ 2,31 $\mu\text{g L}^{-1}$	

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TS335
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7)

141-78-6 ethyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,26 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	0,24 4L ()
110-19-0 isobutyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,17 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	0,0755 4L ()
78-93-3 butanone	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	55,8 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	22,5 4L ()
100-41-4 ethylbenzene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,1 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	2,68 4L ()
108-88-3 toluene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,68 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	2,89 4L ()
123-86-4 n-butyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,18 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	0,0903 4L ()
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,635 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	0,29 4L ()
67-63-0 propan-2-ol	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	140,9 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	28 4L ()
868-77-9 2-hydroxyethyl methacrylate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,482 4L ()
PNEC Suolo/earth/suolo/sol/gleba/	0,476 4L ()

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9)

TS335
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8) תאריך: 1

תאריך: 1



תאריך: 1

תאריך: 1



תאריך: 1

9 תאריך: 1

9.1 תאריך: 1

- תאריך: 1
- תאריך: 1
- תאריך: 1
- תאריך: 1

תאריך: 1

- תאריך: 1
- תאריך: 1

תאריך: 1

תאריך: 1

- תאריך: 1
- תאריך: 1
- תאריך: 1
- תאריך: 1

תאריך: 1

77 °C

- תאריך: 1

-4 °C

- תאריך: 1

תאריך: 1

- תאריך: 1

315 °C

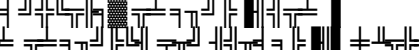
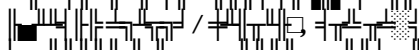
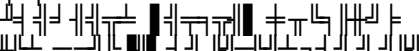
10) תאריך: 1

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10

- 10.1 
 • 10.2 
 • 10.3 
 • 10.4 
 • 10.5 
 • 10.6 

$$(1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad 11)$$

TS335
1500

10

11

11.1

LD/LC50

LD50

1330-20-7 xylene

LD50	3523	(rat/szczur/mouse/souris/Maus/rat)
LD50	1701	(rabbit/krlik/Kaninchen/conejo/lapin)

141-78-6 ethyl acetate

LD50	4934	(rabbit/krlik/Kaninchen/conejo/lapin)
LD50	20001	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50/4	1600	(rat/szczur/mouse/souris/Maus/rat)
LC0	22,6 ppm	(mouse)

110-19-0 isobutyl acetate

LD50	13400	(rat/szczur/mouse/souris/Maus/rat)
LD50	17401	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50/4	31	(rat/szczur/mouse/souris/Maus/rat)

78-93-3 butanone

LD50	2001	(rat/szczur/mouse/souris/Maus/rat)
LD50	5001	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50	21	(rat/szczur/mouse/souris/Maus/rat)

100-41-4 ethylbenzene

LD50	3500	(rat/szczur/mouse/souris/Maus/rat)
LD50	15486	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50/4	17,2	(rat/szczur/mouse/souris/Maus/rat)

108-88-3 toluene

LD50	5000	(rat/szczur/mouse/souris/Maus/rat)
LD50	12124	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50/4	25,7	(rat/szczur/mouse/souris/Maus/rat)

123-86-4 n-butyl acetate

LD50	10760	(rat/szczur/mouse/souris/Maus/rat)
LD50	14000	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50/4	21,1	(rat/szczur/mouse/souris/Maus/rat)

108-65-6 2-methoxy-1-methylethyl acetate

LD50	8532	(rat/szczur/mouse/souris/Maus/rat)
LD50	5001	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50/4	35,7	(rat/szczur/mouse/souris/Maus/rat)

67-63-0 propan-2-ol

LD50	4710	(rat/szczur/mouse/souris/Maus/rat)
LD50	12800	(rabbit/krlik/Kaninchen/conejo/lapin)
LC50/4	72,6	(rat/szczur/mouse/souris/Maus/rat)

12

TS335
1500

11

80-62-6 methyl methacrylate

LD50	7872	rat/szczur/mouse/souris/Maus/rat
LD50	5001	rabbit/krlik/Kaninchen/conejo/lapin
LC50/4	78	rat/szczur/mouse/souris/Maus/rat

868-77-9 2-hydroxyethyl methacrylate

LD50	5050	rat/szczur/mouse/souris/Maus/rat
------	------	----------------------------------

12

12

12.1

EC50	165	daphnia (48)
LC50 (96)	230	daphnia (72)
EC50	370	daphnia (72)
EC50	25	daphnia (48)
LC50 (96)	17	daphnia (72)
EC50	2029	daphnia (96)
EC50	308	daphnia (48)
LC50 (96)	2993	daphnia (72)
EC50	75	daphnia (48)
EC50	134	daphnia (3)
EC50	3,78	daphnia (48)
EC50	58	daphnia (72)
EC50	648	daphnia (72)
EC50	44	daphnia (48)
LC50 (96)	18	daphnia (72)
EC50	1001	daphnia (72)
EC50	501	daphnia (48)
LC50 (96)	134	daphnia (72)
EC50	1001	daphnia (72)

13

TS335
1500

12)

10000	daphnia (24)
LC50 (96)	9640
80-62-6 methyl methacrylate	
EC50	170
LC50 (96)	191
868-77-9 2-hydroxyethyl methacrylate	
LC50 (96)	240

- 12.2 Toluene CAS n. 108-88-3
OECD
- 12.3
- 12.4
- 12.5 PBT (vPvB)
- 12.6

13

- 13.1

14

- 14.1 UN
ADR, IMDG, IATA UN1263
- 14.2 UN1263 ≤ ≤, 640D PAINT

14)

TS335
1500

13

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

MARPOL 73/78
IBC Code

ADR

(LQ)

(EQ)

5L

E2

30

500

2

D/E

IMDG

Limited quantities (LQ)

Excepted quantities (EQ)

5L

Code: E2

Maximum net quantity per inner packaging: 30

Maximum net quantity per outer packaging: 500

UN "Model Regulation":

UN 1263
640D, 3, II

RU

15

TS335
 $\geq \sum \leq \Delta \sum \Gamma. \sum \leq - \approx \sum \mid \geq \Gamma. 15 \infty \geq.$

15)

Repr. 2: Reproductive toxicity ñ Category 2
 STOT SE 3: Specific target organ toxicity (single exposure) ñ Category 3
 STOT RE 2: Specific target organ toxicity (repeated exposure) ñ Category 2
 Asp. Tox. 1: Aspiration hazard ñ Category 1
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard ñ Category 3
 1272/2008/EC
 ECHA
 INRS Fiche Toxicologique
 *

RU