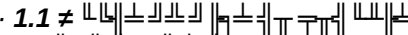
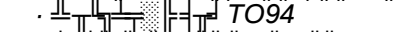
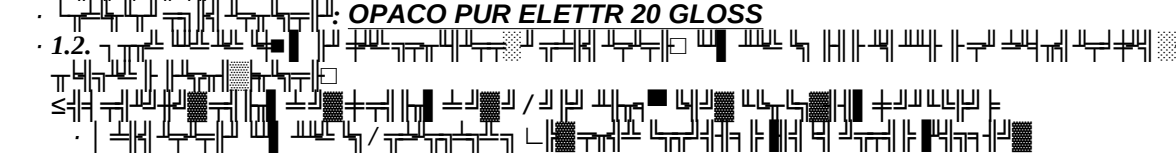
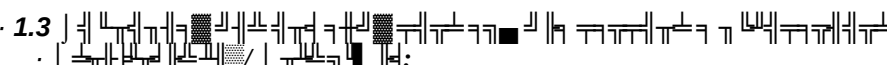
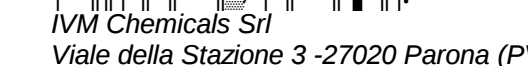
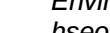
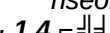


1:

- 1.1 $\neq$  TO94
 : **OPACO PUR ELETTR 20 GLOSS**
 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
 $\neq$  0039 0384 254491


2: $\sqrt{\frac{1}{2}} \begin{pmatrix} 1 & -i \\ i & 1 \end{pmatrix}$

- 2.1** ≤ (≈) № 1272/2008
- Flam. Liq. 2** H225 ≥
- Skin Irrit. 2** H315 √
- Xn;** √
- R20/21:**
- R38:**
- F;** ≥
- R11:** ≥
- (I)

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1)

2.2 (EC) № 1272/2008
(CLP).



GHS02 GHS07

H225 ≥
H315 ✓
P210
P241
P303+P361+P353
P321
P403+P235
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 Xn R20/21 Xi R38 R10 Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	30-39,99%
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3)

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CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119488216-32-XXXX	ethylbenzene Xn R20-48/20-65 F R11 Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332	5-9,99%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate Xi R36 F R11 R66-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	1-2,499%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate R10 Flam. Liq. 3, H226	1-2,499%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate R10-66-67 Flam. Liq. 3, H226 STOT SE 3, H336	0,1-<10%
CAS: 64742-95-6 EINECS: 265-199-0 Reg.nr.: 01-2119486773-24-XXXX	Solvent naphtha (petroleum), light arom. Xn R65 Xi R37 N R51/53 R10-66-67 Carc. Cat. 2, Muta. Cat. 2 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	0,1-<0,5%

16.

4: 4

4.1

48

20

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(3) תאריך: 16.07.2015

- 4.2 תאריך: 16.07.2015
- 4.3 תאריך: 16.07.2015

5: תאריך: 16.07.2015

- 5.1 תאריך: 16.07.2015
- 5.2 תאריך: 16.07.2015
- 5.3 תאריך: 16.07.2015

6: תאריך: 16.07.2015

- 6.1 תאריך: 16.07.2015
- 6.2 תאריך: 16.07.2015
- 6.3 תאריך: 16.07.2015
- 6.4 תאריך: 16.07.2015

7: תאריך: 16.07.2015

- 7.1 תאריך: 16.07.2015

(5) תאריך: 16.07.2015

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4) ()

- 7.2
- 7.3

8:

7.

8.1

1330-20-7 xylene	
PDK	≤ 150 g/m ³ ≤ 50 g/m ³
100-41-4 ethylbenzene	
PDK	≤ 150 g/m ³ ≤ 50 g/m ³
141-78-6 ethyl acetate	
PDK	≤ 200 g/m ³ ≤ 50 g/m ³
108-65-6 2-methoxy-1-methylethyl acetate	
PDK	≤ 10 g/m ³
123-86-4 n-butyl acetate	
PDK	≤ 200 g/m ³ ≤ 50 g/m ³

6) ()

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5)

DNEL		
1330-20-7 xylene		
	DNEL	77 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
	DNEL acuto/agudo/ostre/aigu/acute/akut	289 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
	DNEL	180 $\frac{g}{m^3}$ bw/d ($\frac{g}{m^3}$)
100-41-4 ethylbenzene		
	DNEL	77 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
	DNEL acuto/agudo/ostre/aigu/acute/akut	293 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
	DNEL	180 $\frac{g}{m^3}$ bw/d ($\frac{g}{m^3}$)
141-78-6 ethyl acetate		
	DNEL	4,5 $\frac{g}{m^3}$ bw/d (popolazione)
	DNEL	734 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
	DNEL acuto/agudo/ostre/aigu/acute/akut	367 $\frac{g}{m^3}$ c (popolazione)
	DNEL	1468 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
		734 $\frac{g}{m^3}$ c (popolazione)
	DNEL	63 $\frac{g}{m^3}$ bw/d ($\frac{g}{m^3}$)
		37 $\frac{g}{m^3}$ bw/d (popolazione)
123-86-4 n-butyl acetate		
	DNEL	480 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
	DNEL acuto/agudo/ostre/aigu/acute/akut	102,34 $\frac{g}{m^3}$ c (popolazione)
		960 $\frac{g}{m^3}$ c ($\frac{g}{m^3}$)
		859,7 $\frac{g}{m^3}$ c (popolazione)

PNEC		
1330-20-7 xylene		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,327 $\frac{g}{L}$ ()	
PNEC Suolo/earth/suolo/sol/gleba/	2,31 $\frac{g}{L}$ ()	
100-41-4 ethylbenzene		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,1 $\frac{g}{L}$ ()	

7)

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OPACO PUR ELETTR 20 GLOSS

(6)

PNEC Suolo/earth/suelo/sol/gleba/	2,68 g/l()
141-78-6 ethyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,26 g/L()
PNEC Suolo/earth/suelo/sol/gleba/	0,24 g/l()
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,635 g/L()
PNEC Suolo/earth/suelo/sol/gleba/	0,29 g/l()
123-86-4 n-butyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,18 g/L()
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 g/l()

✓

8.2

✓



()

✓

(8)

16.07.2015: תאריך: 16.07.2015

16.07.2015: תאריך: 16.07.2015

TO94
OPACO PUR ELETTR 20 GLOSS

7) תאריך: 16.07.2015

תאריך: 16.07.2015



תאריך: 16.07.2015

9: תאריך: 16.07.2015

9.1 תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

77 °C

תאריך: 16.07.2015

-4 °C

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

315 °C

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

תאריך: 16.07.2015

1,0 %

תאריך: 16.07.2015

11,5 %

תאריך: 16.07.2015

97 °C

תאריך: 16.07.2015

0,976 g/cm³

תאריך: 16.07.2015

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תאריך: 16.07.2015

55 s (ISO 6 mm)

9) תאריך: 16.07.2015

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OPACO PUR ELETTR 20 GLOSS

(8)

53,40 % 521,1 VOC (EC)	46,6 % 9.2
--	--------------------------

10: 10.1 10.2 10.3 10.4 10.5 10.6

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

11: 11.1

- 11.1

LD/LC50		
1330-20-7 xylene		
LD50	3523	(rat/szczur/mouse/souris/Maus/rat)
LD50	1701	(rabbit/krlik/Kaninchen/conejo/lapin)
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)
141-78-6 ethyl acetate		
LD50	4934	(rabbit/krlik/Kaninchen/conejo/lapin)
LD50	20001	(Con)
LC0	22,6 ppm	(mouse)
LC50/4	1600	(rat/szczur/mouse/souris/Maus/rat)

(10)

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TO94
OPACO PUR ELETTR 20 GLOSS

(1 2 3 4 5 6 7 8 9)

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})

123-86-4 *n*-butyl acetate

	LD50	10760 = $\frac{1}{4}$ (rat/szczur/mouse/souris/Maus/rat ^u n)
	LD50	14000 = $\frac{1}{4}$ (rabbit/k ^r lik/Kaninchen/conejo/lapin)
	LC50/4	21,1 = $\frac{1}{4}$ (rat/szczur/mouse/souris/Maus/rat ^u n)

64742-95-6 Solvent naphtha (petroleum), light arom.

	LD50	6801 =
	LD50	3401 =
	LC50/4	10,3 =

$\frac{d}{dt} \left(\int_{\Omega(t)} u^k dx \right) = - \int_{\partial \Omega(t)} u^k v_n dS$

12: F H H U F L A J F L F T F F F

• **12.1**

100-41-4 ethylbenzene

EC50	75 = 4 (daphnia) (48 =)
------	--------------------------

141-78-6 ethyl acetate

EC50	164 = 4 (daphnia)
------	-------------------

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

EC50	408 = 1/7 (daphnia) (48 = 1/7)
------	--------------------------------

123-86-4 *n*-butyl acetate

EC50	648 = 4 (72 1/2)
	44 = 4 (daphnia) (48 1/2)
LC50 (96 1/2)	18 = 4 (18 1/2)

12.2

12.3 $\frac{1}{2} \leq \frac{1}{2} \leq \frac{1}{2}$
 12.4 $\frac{1}{2} \leq \frac{1}{2} \leq \frac{1}{2}$
 12.5 $\frac{1}{2} \leq \frac{1}{2} \leq \frac{1}{2}$

[illegible]

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TO94
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(| T U L U L T T T T 10)

· vPvB: .

13:

13.1 

14: ♯-||||

· 14.1 $\vdash \dashv\vdash \Vdash_{\Pi} UN$
 · ADR, IMDG, IATA UN1263

[illegible]

· **14.3**



Δ 
 $3 \geq$ 

- **14.4**
- **ADR**
- **IMDG, IATA**

14.5

14.6 $\int_{\mathbb{R}^d} \left(\sum_{i=1}^d \left| \frac{\partial}{\partial x_i} f(x) \right|^2 \right) dx \geq \frac{1}{4} \left(\int_{\mathbb{R}^d} f(x) dx \right)^2$

[illegible]

TO94
OPACO PUR ELETTR 20 GLOSS

11)

EMS:	F-E, S-E
14.7 MARPOL 73/78 IBC Code	
ADR (LQ) (EQ)	5L E1 30 1000 3 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":	UN1263, $\leq -\Sigma \leq \Sigma$, 640H, 3, III

15:

- 15.1
- 96/82/EC
- 1: 5000
- 2: 50000

1907/2006 1272/2008

- P
- 161/2006 (2004/42/EC)-
- 15.2

16:

13)

TO94
OPACO PUR ELETTR 20 GLOSS

(12)

H225	≥	
H226	√	
H304	△	
H312	+	
H315	√	
H319	√	
H332	+	
H336	△	
H373	+	
H411	+	
R10	√	
R11	≥	
R20	+	
R20/21	+	
R36	+	
R37	+	
R38	+	
R48/20	√	
R51/53	+	
R65	√	
R66	△	
R67	+	

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, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

≤

(14)

TO94
OPACO PUR ELETTR 20 GLOSS

13)

1999/45/EC
67/548/EEC
ECHA
INRS Fiche Toxicologique
* ≤

RU