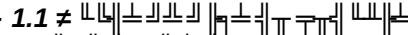
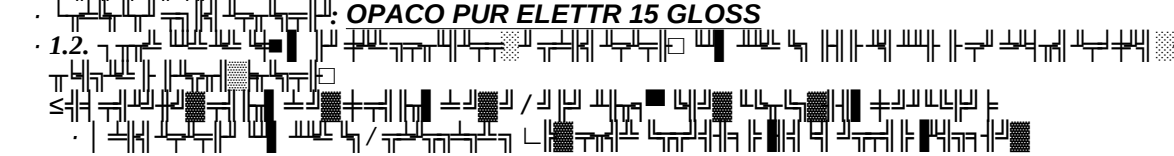
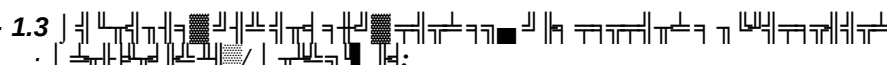
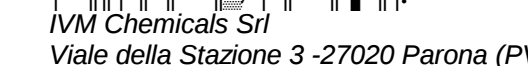
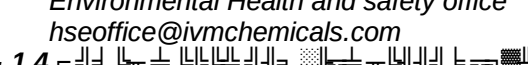
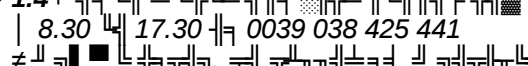
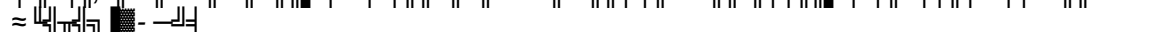


1:

- 1.1.1 $\neq$  TO95
 : **OPACO PUR ELETTR 15 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
 :
 0039 0384 254491


2: $\sqrt{\frac{1}{2} \left(\frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} \right)}$

- 2.1 ≤** $\approx \gamma$) № 1272/2008
- Flam. Liq. 2 H225 ≥**
-
- Skin Irrit. 2 H315 √**
- Xn; √**
- R20/21:
- Xi;**
- R38:
- F; ≥
- R11:

TO95
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1)

2.2 (EC) No 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%
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%

(3)

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CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate R10 Flam. Liq. 3, H226	2,5-4,99%
CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-XXXX	toluene Xn R48/20-63-65 Xi R38 F R11 R67 Repr. Cat. 3 Flam. Liq. 2, H225 Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336	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

TO95
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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

TO95
OPACO PUR ELETTR 15 GLOSS

4) (תאריך: 16.07.2015)

- 7.2
- 7.3

8: (תאריך: 16.07.2015)

7. (תאריך: 16.07.2015)

8.1 (תאריך: 16.07.2015)

(תאריך: 16.07.2015)

1330-20-7 xylene

PDK ≤ 150 = 4m³
≤ 50 = 4m³

100-41-4 ethylbenzene

PDK ≤ 150 = 4m³
≤ 50 = 4m³

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

PDK ≤ 10 = 4m³

108-88-3 toluene

PDK ≤ 150 = 4m³
≤ 50 = 4m³

123-86-4 n-butyl acetate

PDK ≤ 200 = 4m³
≤ 50 = 4m³

6) (תאריך: 16.07.2015)

16.07.2015

16.07.2015

TO95
OPACO PUR ELETTR 15 GLOSS

5)

DNEL		
1330-20-7 xylene		
	DNEL	77 $\frac{\text{g}}{\text{m}^3}$ ($\frac{\text{g}}{\text{m}^3}$)
	DNEL acuto/agudo/ostre/aigu/acute/akut	289 $\frac{\text{g}}{\text{m}^3}$ ($\frac{\text{g}}{\text{m}^3}$)

PNEC		
1330-20-7 xylene		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,327 $\frac{\text{g}}{\text{L}}$ ()	
PNEC Suolo/earth/suelo/sol/gleba/	2,31 $\frac{\text{g}}{\text{L}}$ ()	
100-41-4 ethylbenzene		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,1 $\frac{\text{g}}{\text{L}}$ ()	
PNEC Suolo/earth/suelo/sol/gleba/	2,68 $\frac{\text{g}}{\text{L}}$ ()	
108-65-6 2-methoxy-1-methylethyl acetate		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,635 $\frac{\text{g}}{\text{L}}$ ()	
PNEC Suolo/earth/suelo/sol/gleba/	0,29 $\frac{\text{g}}{\text{L}}$ ()	
108-88-3 toluene		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,68 $\frac{\text{g}}{\text{L}}$ ()	
PNEC Suolo/earth/suelo/sol/gleba/	2,89 $\frac{\text{g}}{\text{L}}$ ()	
123-86-4 n-butyl acetate		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,18 $\frac{\text{g}}{\text{L}}$ ()	
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 $\frac{\text{g}}{\text{L}}$ ()	

7)

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

TO95

OPACO PUR ELETTR 15 GLOSS

[illegible]

- 8.2

[illegible]

- [illegible]

[illegible]

9:

- 9.1 

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(1 2 3 4 5 6 7 8)

ᠯᠢᠰᠢᠨ ᠰᠤᠭᠤᠨᠠᠨᠢᠨ: 16.07.2015

ᠤᠯᠤᠰ ᠤᠨ ᠤᠯᠤᠰ ᠤᠨ ᠤᠯᠤᠰ ᠤᠨ ᠤᠯᠤᠰ 16.07.2015

T095
OPACO PUR ELETTR 15 GLOSS

(1 2 3 4 5 6 7)

[illegible]

RU

(| T| L| L L| L- A T- A- L+ L9)

TO95
OPACO PUR ELETTR 15 GLOSS

(8)

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 (100% mortality), (10% mortality)		
1330-20-7 xylene		
(oral)	LD50	3523 mg/kg (rat/szczur/mouse/souris/Maus/rat)
(dermal)	LD50	1701 mg/kg (rabbit/krlik/Kaninchen/conejo/lapin)
100-41-4 ethylbenzene		
(oral)	LD50	3500 mg/kg (rat/szczur/mouse/souris/Maus/rat)
(dermal)	LD50	15486 mg/kg (rabbit/krlik/Kaninchen/conejo/lapin)
(inhalation)	LC50/4 h	17,2 mg/l (rat/szczur/mouse/souris/Maus/rat)
108-65-6 2-methoxy-1-methylethyl acetate		
(oral)	LD50	8532 mg/kg (rat/szczur/mouse/souris/Maus/rat)
(dermal)	LD50	5001 mg/kg (rabbit/krlik/Kaninchen/conejo/lapin)
(inhalation)	LC50/4 h	35,7 mg/l (rat/szczur/mouse/souris/Maus/rat)
108-88-3 toluene		
(oral)	LD50	5000 mg/kg (rat/szczur/mouse/souris/Maus/rat)
(dermal)	LD50	12124 mg/kg (rabbit/krlik/Kaninchen/conejo/lapin)
(inhalation)	LC50/4 h	5320 mg/l (mouse) (4 h)
123-86-4 n-butyl acetate		
(oral)	LD50	10760 mg/kg (rat/szczur/mouse/souris/Maus/rat)
(dermal)	LD50	14000 mg/kg (rabbit/krlik/Kaninchen/conejo/lapin)
(inhalation)	LC50/4 h	21,1 mg/l (rat/szczur/mouse/souris/Maus/rat)
64742-95-6 Solvent naphtha (petroleum), light arom.		
(oral)	LD50	6801 mg/kg (rat/szczur/mouse/souris/Maus/rat)
(dermal)	LD50	3401 mg/kg (rab)
(inhalation)	LC50/4 h	10,3 mg/l (rat/szczur/mouse/souris/Maus/rat)

(10)

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T095
OPACO PUR ELETTR 15 GLOSS

(1 2 3 4 5 6 7 8 9)

[illegible]

12:

12.1

100-41-4 ethylbenzene

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

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

EC50	408 = 4 (daphnia) (48 = 48)
------	-----------------------------

108-88-3 toluene

EC50	134 =
	3,78 =

123-86-4 n-butyl acetate

<i>EC</i> 50	648 = (72)
	44 = (<i>daphnia</i>) (48)
<i>LC</i> 50 (96)	18 =

12.2

12.3

12.4

• —

2) $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{4}$ is the probability of getting two heads.

$$\sqrt{\frac{1}{n} \sum_{j=1}^n \left(\frac{Y_j - \bar{Y}}{S} \right)^2} = \sqrt{\frac{1}{n} \sum_{j=1}^n \left(\frac{Y_j - \bar{Y}}{S} \right)^2}$$

12.5 — PBT (Polybutylene Terephthalate)

$$vPvB \left(\frac{1}{2} \right)$$

PBT:

• $v_P v_R$ •

12.6

13:

. 13.1

[illegible]

$\leq$, 080111

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

TO95
OPACO PUR ELETTR 15 GLOSS

10

14: 14.1 UN

14.1 UN

ADR, IMDG, IATA

UN1263

14.2

ADR

IMDG, IATA

UN1263 ≤ Σ ≤ Σ, 640H
PAINT

14.3

ADR, IMDG, IATA



3 ≥

3

14.4

ADR

IMDG, IATA

III

II

14.5

14.6

EMS:

F-E, S-E

14.7

MARPOL 73/78

IBC Code

ADR

(LQ)

(EQ)

5L

E1

30

1000

3

E

12

TO95
OPACO PUR ELETTR 15 GLOSS

(11)

· 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:

- H225
- H226
- H304
- H312
- H315
- H332
- H336
- H361d
- H373
- H411
- R10
- R11
- R20
- R20/21
- R37
- R38

(13)

16.07.2015

16.07.2015

TO95
OPACO PUR ELETTR 15 GLOSS

R48/20 ✓
R51/53
R63 ✓
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

Repr. 2: Reproductive toxicity, 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

≤

1999/45/EC

67/548/EEC

Σ ECHA

INRS Fiche Toxicologique

* ≤