

: 16.07.2015

: 16.07.2015

1:

· 1.1

T006

: **OPACO PUR TRASP 10GLOSS**

· 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



Repr. 2 H361d



Skin Irrit. 2 H315

67/548/EEC

1999/45/EC



Xn;

R20/21-63:



Xi;

R38:



F;

R11:

: 16.07.2015

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TO06
: OPACO PUR TRASP 10GLOSS

(: " 1)

2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

toluene

H225

H315

H361d

P210

/

/

/

P241

/

P303+P361+P353

(

):

P321

(

).

P405

P501

/

2.3

PBT (

) **vPvB**

()

· **PBT:**

· **vPvB:**

3:

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3.2

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3)

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TO06
: OPACO PUR TRASP 10GLOSS

<p>CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX</p>	<p>xylene  Xn R20/21  Xi R38 R10  Flam. Liq. 3, H226  Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315</p>	<p>(2) 25-29,99%</p>
<p>CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-XXXX</p>	<p>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</p>	<p>5-9,99%</p>
<p>CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119488216-32-XXXX</p>	<p>ethylbenzene  Xn R20-48/20-65  F R11  Flam. Liq. 2, H225  STOT RE 2, H373; Asp. Tox. 1, H304  Acute Tox. 4, H332</p>	<p>5-9,99%</p>
<p>CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX</p>	<p>2-methoxy-1-methylethyl acetate R10  Flam. Liq. 3, H226</p>	<p>2,5-4,99%</p>
<p>CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX</p>	<p>ethyl acetate  Xi R36  F R11 R66-67  Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336</p>	<p>2,5-4,99%</p>

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4:

4.1

()

48

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20

()

4)

TO06
: OPACO PUR TRASP 10GLOSS

(3)

· 4.2

· 4.3

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5:

· 5.1

· 5.2

· 5.3

6:

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· 6.1

· 6.2

· 6.3

· 6.4

7.

8.

13.

13.

: 16.07.2015

: 16.07.2015

TO06
: OPACO PUR TRASP 10GLOSS

(4)

7:

· 7.1

· 7.2

· 7.3

8:

· 8.1

1330-20-7 xylene	
PDK	: 150 /m ³ : 50 /m ³
108-88-3 toluene	
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

(6)

: 16.07.2015

: 16.07.2015

TO06
: OPACO PUR TRASP 10GLOSS

141-78-6 ethyl acetate		(	5)
PDK	: 200 /m ³		
	: 50 /m ³	/	

DNEL

1330-20-7 xylene			
(	)	DNEL	77 /m c ()
		DNEL acuto/agudo/ostre/aigu/acute/akut	289 /m c ()
		DNEL	180 / bw/ d ()

108-88-3 toluene			
(	)	DNEL	192 /m c ()
		DNEL acuto/agudo/ostre/aigu/acute/akut	384 /m c ()

100-41-4 ethylbenzene			
(	)	DNEL	77 /m c ()
		DNEL acuto/agudo/ostre/aigu/acute/akut	293 /m c ()
		DNEL	180 / bw/ d ()

141-78-6 ethyl acetate			
(	)	DNEL	4,5 / bw/ d (popolazione)
(	)	DNEL	734 /m c ()
		DNEL acuto/agudo/ostre/aigu/acute/akut	367 /m c (popolazione)
		DNEL acuto/agudo/ostre/aigu/acute/akut	1468 /m c ()
		DNEL	734 /m c (popolazione)
		DNEL	63 / bw/d ()
		DNEL	37 / bw/d (popolazione)

PNEC

1330-20-7 xylene	
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,327 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ()
108-88-3 toluene	
PNEC Acqua dolce/water/woda sjo'dka/eau/agua	0,68 /L ()

(7)

: 16.07.2015

: 16.07.2015

TO06
: OPACO PUR TRASP 10GLOSS

PNEC Suolo/earth/suelo/sol/gleba/	2,89 / ()	(6)
100-41-4 ethylbenzene		
PNEC Acqua dolce/water/woda sodka/eau/agua	0,1 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ()	
108-65-6 2-methoxy-1-methylethyl acetate		
PNEC Acqua dolce/water/woda sodka/eau/agua	0,635 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ()	
141-78-6 ethyl acetate		
PNEC Acqua dolce/water/woda sodka/eau/agua	0,26 /L ()	
PNEC Suolo/earth/suelo/sol/gleba/	0,24 / ()	

8.2



EN 374

89/686/

8)

RU

: 16.07.2015

: 16.07.2015

TO06
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9:

9.1

pH:

77 °C

-4 °C

315 °C

1,0 . %
11,5 . %

20 °C: 97

20 °C: 0,99 /cm³

(n- /

20 °C: 38 s (ISO 6 mm)

9)

RU

: 16.07.2015

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TO06
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(8)

	54,06 %
	0,2 %
VOC (EC)	535,2 /
9.2	45,7 %

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)
()	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)
108-88-3 toluene		
()	LD50	5000 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	12124 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	5320 / (mouse) (4 .)
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)

10)

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TO06
: OPACO PUR TRASP 10GLOSS

() 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)

141-78-6 ethyl acetate

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

12:

· 12.1

108-88-3 toluene	
EC50	134 / ()
	3,78 / ()
100-41-4 ethylbenzene	
EC50	75 / (daphnia) (48 .)
108-65-6 2-methoxy-1-methylethyl acetate	
EC50	408 / (daphnia) (48 .)
141-78-6 ethyl acetate	
EC50	164 / (daphnia)

· 12.2

· 12.3

· 12.4

2 (-):

· 12.5

) vPvB (PBT ())

· PBT:

· vPvB:

· 12.6

: 16.07.2015

: 16.07.2015

T006
: OPACO PUR TRASP 10GLOSS

(10)

13:

· 13.1

080111

14:

· 14.1 **UN**
· ADR, IMDG, IATA

UN1263

· 14.2
· ADR
· IMDG, IATA

UN1263
PAINT , 640D

· 14.3
· ADR, IMDG, IATA



3
3

· 14.4
· ADR, IMDG, IATA

II

· 14.5

· 14.6

EMS: (): 33
F-E,S-E

· 14.7

MARPOL73/78 (
) IBC Code (
)

II

(12)

TO06
: OPACO PUR TRASP 10GLOSS

(11)

· ADR		(LQ)	5L	
		(EQ)	: E2	
				: 30
				: 500
· IMDG			5L	
· Limited quantities (LQ)			Code: E2	
· Excepted quantities (EQ)			Maximum net quantity per inner packaging: 30	
			Maximum net quantity per outer packaging: 500	
· UN "Model Regulation":			UN1263, II	640D, 3,

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
- H319
- H332
- H336

(13)

TO06
: OPACO PUR TRASP 10GLOSS

H361d
 H373

(12)

R10
 R11
 R20
 R20/21
 R36
 R38
 R48/20

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

Eye Irrit. 2: Serious eye damage/eye 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

1999/45/EC

67/548/

ECHA -

INRS Fiche Toxicologique

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