

: 11.04.2017

: 10.04.2017

1

· 1.1

TO2093

: **OPACO PUR ELETTR. 30 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

· 2.1

() 1272/2008



Flam. Liq. 2 H225



STOT RE 2 H373

Asp. Tox. 1 H304



Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

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xylene

H225
H315
H319
H335
H373

H304

P210

P301+P310

P303+P361+P353

P305+P351+P338

P405
P501

EUH208 Reaction mass of Fatty acids, tall-oil, compds. with oleylamine and Fatty acids, C18-unsatd., trimers, compds. with oleylamine.

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%

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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	(²⁾ 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%
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	1-2,499%
Reg.nr.: 01-2120101675-63-XXXX	Reaction mass of Fatty acids, tall-oil, compds. with oleylamine and Fatty acids, C18-unsatd., trimers, compds. with oleylamine ⚠ STOT RE 2, H373 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	0,1-<0,5%

16.

4

4.1

()
48
()
20
()

4.2

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· 5.1

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· 6.1

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8

(4)

7.3

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
141-78-6 ethyl acetate	
PDK	: 200 /m ³ : 50 /m ³
108-88-3 toluene	
PDK	: 150 /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 ()

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141-78-6 ethyl acetate		
()	DNEL	4,5 / bw/d (popolazione)
()	DNEL acuto/agudo/ostre/aigu/acute/akut	1468 /mc ()
	DNEL	734 /mc (popolazione)
	DNEL	734 /mc ()
	DNEL	367 /mc (popolazione)
	DNEL	63 / bw/d ()
		37 / bw/d (popolazione)
110-19-0 isobutyl acetate		
()	DNEL	243 /mc ()
	DNEL	4,95 / bw/d ()
108-88-3 toluene		
()	DNEL acuto/agudo/ostre/aigu/acute/akut	384 /mc ()
	DNEL	192 /mc ()

PNEC

1330-20-7 xylene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,327 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ()
100-41-4 ethylbenzene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,1 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ()
141-78-6 ethyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,26 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,24 / ()
110-19-0 isobutyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,17 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,0755 / ()
108-88-3 toluene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,68 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,89 / ()

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EN 374

89/686/

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· 9.1

pH:

77 °C

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: OPACO PUR ELETTR. 30 GLOSS

· 10.4

· 10.5

· 10.6

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· 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)

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)

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)

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)

108-88-3 toluene

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

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· 12.1

100-41-4 ethylbenzene	
EC50	75 / (daphnia) (48 .)
141-78-6 ethyl acetate	
EC50	165 / (daphnia) (48 .)
LC50 (96 .)	230 / ()
110-19-0 isobutyl acetate	
EC50	370 / () (72 .)
	25 / (daphnia)
LC50 (96 .)	17 / ()
108-88-3 toluene	
EC50	134 / () (3 .)
	3,78 / (daphnia) (48 .)
	58 / ()

· 12.2

Toluene CAS n. 108-88-3
(OECD)

· 12.3

· 12.4

2 (-):

· 12.5

PBT (

) vPvB (

)

· PBT:

· vPvB:

· 12.6

13

· 13.1

080111

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: OPACO PUR ELETTR. 30 GLOSS

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14

· **14.1 UN**
· **ADR, IMDG, IATA**

UN1263

· **14.2**
· **ADR**
· **IMDG, IATA**

UN1263 , 640D
PAINT

· **14.3**
· **ADR, IMDG, IATA**



3
3

· **14.4**
· **ADR, IMDG, IATA**

II

· **14.5** :

· **14.6** :

· (): 33
· **EMS:** F-E, S-E
· **Stowage Category** B

· **14.7** II

MARPOL73/78 (
) IBC Code (
)

· **ADR**
· (LQ) 5L : E2
· (EQ)
· : 30
· : 500
· 2
· D/E

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(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":*

UN 1263

640D, 3, II

15

· 15.1

2012/18/EU

1: 5000

2: 50000

· P

· 15.2

16

H225

H226

H302

H304

H312

H315

H317

H319

H332

H335

H336

H361d

H373

H412

: 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

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(12)

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
 Skin Sens. 1: Skin sensitisation . Category 1
 Repr. 2: Reproductive toxicity . 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
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard . Category 3

1272/2008/EC

ECHA -

INRS Fiche Toxicologique

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