

: 07.04.2017

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1

· 1.1

TS363

: **FIN ACR TRASP 35 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



Repr. 2

H361d

STOT RE 2

H373



Skin Irrit. 2

H315

Eye Irrit. 2

H319

STOT SE 3

H336

Aquatic Chronic 3 H412

· 2.2

(EC) 1272/2008

(CLP).

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toluene
xylene
isobutyl acetate
ethyl acetate

H225
H315
H319
H361d
H336
H373

H412

P210 / / /

P241 /

P303+P361+P353 ():

P305+P351+P338 :

P405
P501 /

EUH208 methyl methacrylate, 2-hydroxyethyl methacrylate.

2.3

PBT () vPvB

PBT:
vPvB:

3 /

3.2

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(2)		
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	25-29,99%
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: 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	10-14,99%
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	10-14,99%
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	5-9,99%
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: 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	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	1-2,499%
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	0,5-<1%
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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48

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(3)

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20

4.2

4.3

11

5

5.1

5.2

5.3

6

6.1

6.2

6.3

13.

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· 6.4

(4)

7.

8.

13.

7

· 7.1

· 7.2

· 7.3

8

· 8.1

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

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1330-20-7 xylene		(5)
PDK	: 150 /m ³ : 50 /m ³	/	
123-86-4 n-butyl acetate			
PDK	: 200 /m ³ : 50 /m ³	/	
108-65-6 2-methoxy-1-methylethyl acetate			
PDK	: 10 /m ³	/	
100-41-4 ethylbenzene			
PDK	: 150 /m ³ : 50 /m ³	/	
67-63-0 propan-2-ol			
PDK	: 50 /m ³ : 10 /m ³	/	
80-62-6 methyl methacrylate			
PDK	: 20 /m ³ : 10 /m ³	/	
DNEL			
108-88-3 toluene			
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	384 /mc ()
		DNEL	192 /mc ()
110-19-0 isobutyl acetate			
()	DNEL	243 /mc ()
		DNEL	4,95 / bw / d ()
141-78-6 ethyl acetate			
()	DNEL	4,5 / bw / d (popolazione)
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	1468 /mc ()
		DNEL	734 /mc (popolazione) 734 /mc ()
		DNEL	367 /mc (popolazione)
		DNEL	6,3 / bw / d ()
			37 / bw/d (popolazione)
1330-20-7 xylene			
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	289 /mc ()

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	DNEL	77 /mc ()
	DNEL	180 / bw/d ()
123-86-4 n-butyl acetate		
()	DNEL acuto/agudo/ostre/aigu/acute/akut	960 /mc ()
	DNEL	859,7 /mc (popolazione)
	DNEL	480 /mc ()
	DNEL	102,34 /mc (popolazione)
108-65-6 2-methoxy-1-methylethyl acetate		
()	DNEL	275 /mc ()
	DNEL	153,5 / bw/d ()
100-41-4 ethylbenzene		
()	DNEL acuto/agudo/ostre/aigu/acute/akut	293 /mc ()
	DNEL	77 /mc ()
	DNEL	180 / bw/d ()
67-63-0 propan-2-ol		
()	DNEL	26 / bw/d (popolazione)
()	DNEL	500 /mc ()
	DNEL	89 /mc (popolazione)
	DNEL	888 / bw/d ()
	DNEL	319 / bw/d (popolazione)
868-77-9 2-hydroxyethyl methacrylate		
()	DNEL	1,3 / bw/d ()
()	DNEL	4,9 /mc ()

PNEC

108-88-3 toluene

PNEC Acqua dolce/water/woda sjo'dka/eau/agua 0,68 /L ()

PNEC Suolo/earth/suelo/sol/gleba/ 2,89 / ()

110-19-0 isobutyl acetate

PNEC Acqua dolce/water/woda sjo'dka/eau/agua 0,17 /L ()

PNEC Suolo/earth/suelo/sol/gleba/ 0,0755 / ()

141-78-6 ethyl acetate

PNEC Acqua dolce/water/woda sjo'dka/eau/agua 0,26 /L ()

PNEC Suolo/earth/suelo/sol/gleba/ 0,24 / ()

1330-20-7 xylene

PNEC Acqua dolce/water/woda sjo'dka/eau/agua 0,327 /L ()

PNEC Suolo/earth/suelo/sol/gleba/ 2,31 / ()

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123-86-4 n-butyl acetate	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,18 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ()
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,635 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ()
100-41-4 ethylbenzene	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,1 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ()
67-63-0 propan-2-ol	
PNEC Acqua dolce/water/woda słodka/eau/agua	140,9 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	28 / ()
868-77-9 2-hydroxyethyl methacrylate	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,482 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,476 / ()

8.2



EN 374

89/686/

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pH:

77 °C

-4 °C

315 °C

1,0 . %
12,0 . %

20 °C: 97

20 °C: 0,925 /cm³

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(9)

(n- /	:	
20 °C:	25 s (ISO 6 mm)	
VOC (EC)	78,04 % 721,8 /	
9.2	22,0 %	

10

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

11

- 11.1

LD/LC50 (/),		
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)
110-19-0 isobutyl acetate		
()	LD50	13400 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	17401 / (rabbit/kr lik/Kaninchen/conejo/lapin)

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()	LC50/4 .	31 / (rat/szczur/mouse/souris/Maus/rat n)	(10)
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)	
1330-20-7 xylene			
()	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)	
()	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)	
123-86-4 n-butyl acetate			
()	LD50	10760 / (rat/szczur/mouse/souris/Maus/rat n)	
()	LD50	14000 / (rabbit/kr lik/Kaninchen/conejo/lapin)	
()	LC50/4 .	21,1 / (rat/szczur/mouse/souris/Maus/rat n)	
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)	
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)	
67-63-0 propan-2-ol			
()	LD50	4710 / (rat/szczur/mouse/souris/Maus/rat n)	
()	LD50	12800 / (rabbit/kr lik/Kaninchen/conejo/lapin)	
()	LC50/4 .	72,6 / (rat/szczur/mouse/souris/Maus/rat n)	
80-62-6 methyl methacrylate			
()	LD50	7872 / (rat/szczur/mouse/souris/Maus/rat n)	
()	LD50	5001 / (rabbit/kr lik/Kaninchen/conejo/lapin)	
()	LC50/4 .	78 / (rat/szczur/mouse/souris/Maus/rat n)	
868-77-9 2-hydroxyethyl methacrylate			
()	LD50	5050 / (rat/szczur/mouse/souris/Maus/rat n)	

12

· 12.1

108-88-3 toluene	
EC50	134 / () (3 .)

(12)

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	3,78 / (daphnia) (48 .)	(11)
	58 / ()		
110-19-0 isobutyl acetate			
EC50	370 / () (72 .)		
	25 / (daphnia)		
LC50 (96 .)	17 / ()		
141-78-6 ethyl acetate			
EC50	165 / (daphnia) (48 .)		
LC50 (96 .)	230 / ()		
123-86-4 n-butyl acetate			
EC50	648 / () (72 .)		
	44 / (daphnia) (48 .)		
LC50 (96 .)	18 / ()		
108-65-6 2-methoxy-1-methylethyl acetate			
EC50	1001 / () (72 .)		
	501 / (daphnia) (48 .)		
LC50 (96 .)	134 / ()		
100-41-4 ethylbenzene			
EC50	75 / (daphnia) (48 .)		
67-63-0 propan-2-ol			
EC50	1001 / () (72 .)		
	10000 / (daphnia) (24 .)		
LC50 (96 .)	9640 / ()		
80-62-6 methyl methacrylate			
EC50	170 / () (72 .)		
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

2 (-):

· 12.5

PBT (

) vPvB (

)

· PBT:

· vPvB:

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· 12.6

(12)

13

· 13.1

080111

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

· EMS: ():
· Stowage Category

33
F-E, S-E
B

(14)
RU

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: FIN ACR TRASP 35 GLOSS

(13)

· 14.7

II

MARPOL73/78 (

) IBC Code (

)

· ADR

(LQ)

5L

(EQ)

: E2

: 30

: 500

2

D/E

· IMDG

· Limited quantities (LQ)

5L

· Excepted quantities (EQ)

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

1907/2006 1272/2008
2012/18/EU

1: 5000

2: 50000

· P

· 15.2

16

H225
H226
H304

(15)

RU

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H312

H315

H317

H319

H332

H335

H336

H361d

H373

H412

(14)

: 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 . 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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