

: 15.02.2017

: 11.02.2017

1

· 1.1

TQM520A

: **Finitura acr. lucida**

· 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



Eye Dam. 1 H318



Skin Irrit. 2 H315

STOT SE 3 H335-H336

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS05



GHS07

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

butan-1-ol
acetone
n-butyl acetate
1-methoxy-2-propanol

H225
H315
H318
H335-H336

P210 / / /

P303+P361+P353 ():

P305+P351+P338 :

P310 /
P405
P501 /

2.3

PBT ()

vPvB

PBT:
vPvB:

3 /

3.2

CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-XXXX	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	30-39,99%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38-XXXX	butan-1-ol Flam. Liq. 3, H226 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	30-39,99%
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: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35-XXXX	1-methoxy-2-propanol Flam. Liq. 3, H226 STOT SE 3, H336	2,5-4,99%

3)

RU

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36-XXXX	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	(2) 1-2,499%
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	0,1-<0,5%

16.

4

· 4.1

· : () .

· : ()

· : , ,

(20) . , ,

· : , ,

· : , ,

48'

· 4.2

· 4.3

. 11

5

· 5.1

· 5.2

4)

RU

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

· 5.3

(3)

6

()

· 6.1

· 6.2

· 6.3

· 6.4

13.

7.

8.

13.

7

· 7.1

· 7.2

8

5)

RU

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

7.3

4)

8

8.1

67-64-1 acetone	
PDK	: 800 /m ³ : 200 /m ³
71-36-3 butan-1-ol	
PDK	: 30 /m ³ : 10 /m ³
123-86-4 n-butyl acetate	
PDK	: 200 /m ³ : 50 /m ³
111-76-2 2-butoxyethanol	
PDK	: 5 /m ³
108-88-3 toluene	
PDK	: 150 /m ³ : 50 /m ³

DNEL

67-64-1 acetone		
()	DNEL	62 / bw/d (popolazione)
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	2420 /mc ()
	DNEL	1210 /mc ()
		200 /mc (popolazione)
	DNEL	186 / bw / d ()
		62 / bw/d (popolazione)
123-86-4 n-butyl acetate		
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	960 /mc ()
		859,7 /mc (popolazione)
	DNEL	480 /mc ()
		102,34 /mc (popolazione)

6)

RU

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

(5)		
107-98-2 1-methoxy-2-propanol		
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	553,5 /mc ()
	DNEL	369 /mc ()
	DNEL	50,6 / b w / d ()
111-76-2 2-butoxyethanol		
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	663 /mc ()
	DNEL	98 /mc ()
	DNEL acuto/agudo/ostre/ aigu/acute/akut	89 / b w / d ()
	DNEL	75 / b w / d ()
108-88-3 toluene		
()	DNEL acuto/agudo/ostre/ aigu/acute/akut	384 /mc ()
	DNEL	192 /mc ()

PNEC

67-64-1 acetone	
PNEC Acqua dolce/water/woda sjdka/eau/agua	10,6 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	29,5 / ()
123-86-4 n-butyl acetate	
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,18 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ()
107-98-2 1-methoxy-2-propanol	
PNEC Acqua dolce/water/woda sjdka/eau/agua	10 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,47 / ()
111-76-2 2-butoxyethanol	
PNEC Acqua dolce/water/woda sjdka/eau/agua	8,8 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,8 / ()
108-88-3 toluene	
PNEC Acqua dolce/water/woda sjdka/eau/agua	0,68 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	2,89 / ()

8.2

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida



/
EN 374

89/686/

9

· 9.1

pH:

56 °C

-17 °C

240 °C

TQM520A
: Finitura acr. lucida

		(7)
:	:	:
:	:	:
:	:	:
:	:	:
:	:	1,1 %
:	:	20,0 %
:	20 °C:	233
:	20 °C:	0,94 /cm ³
:	:	:
:	:	:
:	:	:
:	:	:
:	20 °C:	29 s (ISO 3 mm)
:	:	:
:	:	:
:	:	84,37 %
:	VOC (EC)	793,0 /
:	9.2	15,6 %

10

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

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

(8)

11

11.1

LD/LC50 (/),		
67-64-1 acetone		
()	LD50	5800 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	20000 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	76 / (rat/szczur/mouse/souris/Maus/rat n)
71-36-3 butan-1-ol		
()	LD50	790 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	3400 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	8000 / (rat/szczur/mouse/souris/Maus/rat n)
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)
107-98-2 1-methoxy-2-propanol		
()	LD50	4016 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	2001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	54,6 / (rat/szczur/mouse/souris/Maus/rat n)
111-76-2 2-butoxyethanol		
()	LD50	1480 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	1100 / (rab)
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)

12

12.1

67-64-1 acetone	
EC50	8800 / (daphnia)

(10)

TQM520A
: Finitura acr. lucida

LC50 (96 .)	5540 / ()	()	9)
123-86-4 n-butyl acetate			
EC50	648 / ()	(72 .)	
	44 / (daphnia)	(48 .)	
LC50 (96 .)	18 / ()		
107-98-2 1-methoxy-2-propanol			
EC50	23300 / (daphnia)	(48 .)	
LC50 (96 .)	6812 / ()		
111-76-2 2-butoxyethanol			
EC50	101 / (daphnia)	(24 .)	
LC50 (96 .)	101 / ()		
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

1 (-):

· 12.5

PBT (

) vPvB (

· PBT:

· vPvB:

· 12.6

13

· 13.1

080111


: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

(10)

14

· 14.1	UN		
· ADR, IMDG, IATA		UN1263	
· 14.2			
· ADR		UN1263	640D
· IMDG, IATA		PAINT	
· 14.3			
· ADR, IMDG, IATA			
			
		3	
		3	
· 14.4			
· ADR, IMDG, IATA		II	
· 14.5			
· 14.6			
· EMS:	():	33	
· Stowage Category		F-E, S-E	
		B	
· 14.7			
MARPOL73/78 (II		
) IBC Code (
)			
· ADR			
· (LQ)		5L	
· (EQ)		: E2	
			: 30
			: 500
· 2			
· D/E			

(12)

: 15.02.2017

: 11.02.2017

TQM520A
: Finitura acr. lucida

(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**

1907/2006 1272/2008
2012/18/EU

1: 5000

2: 50000

· **P**

· **15.2**

16

H225

H226

H302

H304

H312

H315

H318

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

(13)

TQM520A
: Finitura acr. lucida

GHS: Globally Harmonised System of Classification and Labelling of Chemicals (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 Dam. 1: Serious eye damage/eye irritation . Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation . Category 2
 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

.*