

: 16.07.2015

: 16.07.2015

1: / /

· 1.1

PC36

· 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



Skin Irrit. 2 H315
Eye Irrit. 2 H319

67/548/EEC

1999/45/EC

· 2.2

(EC) 1272/2008

(CLP).



GHS07

H315

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H319

P280

P264

P305+P351+P338

P321

P332+P313

P337+P313

EUH208 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC No 220-239-6] (3:1).

2.3

PBT (

) vPvB

PBT:

vPvB:

3:

3.2

CAS: 85959-76-8 EINECS: 289-071-9	C.I. ACID BROWN 402 Xi R36/37/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-14,99%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol Xi R36 Eye Irrit. 2, H319	1-2,499%
CAS: 55965-84-9	a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC No 220-239-6] (3:1) T R23/24/25 C R34 Xi R43 N R50/53 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 Skin Corr. 1B, H314 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Sens. 1, H317	<0,0015%

3)

RU

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(2)

16.

4:

· 4.1

48

()

20

· 4.2

11

· 4.3

5:

· 5.1

CO2,

· 5.2

· 5.3

6:

()

· 6.1

4)

RU

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· 6.2

· 6.3

· 6.4

7:

· 7.1

· 7.2

· 7.3

8:

· 8.1

112-34-5 2-(2-butoxyethoxy)ethanol	
PDK	: 10 /m ³

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DNEL

112-34-5 2-(2-butoxyethoxy)ethanol

()	DNEL	1,25 / b w / d (popolazione)
()	DNEL	67,5 /mc () 34 /m c (popolazione)
	DNEL acuto/agudo/ostre/aigu/acute/akut	101,2 /mc () 50,6 /mc (popolazione)
	DNEL	20 / bw/d () 10 / bw/d (popolazione)

PNEC

112-34-5 2-(2-butoxyethoxy)ethanol

PNEC Acqua dolce/water/woda słodka/eau/agua	1 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	0,4 / ()

8.2

EN 374

89/686/

6)

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9:

9.1

pH:

100 °C

98 °C

225 °C

0,9 . %

5,9 . %

20 °C:

1

20 °C:

0,999 /cm³

(n- /

20 °C:

29 s (ISO 3 mm)

1,55 %

85,4 %

7)

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(6)

VOC (EC)	16,0 /
9.2	13,0 %

10:

- 10.1
- 10.2

- 10.3
- 10.4

- 10.5
- 10.6

11:

- 11.1

<i>LD/LC50</i> (/),			
112-34-5 2-(2-butoxyethoxy)ethanol			
()	LD50	2410 /	(rat/szczur/mouse/souris/Maus/rat n)
()	LD50	2764 /	(rabbit/kr lik/Kaninchen/conejo/lapin)

12:

- 12.1

112-34-5 2-(2-butoxyethoxy)ethanol			
EC50	101 / ()	(48 .)	
	101 /	(daphnia) (48 .)	
LC50 (96 .)	1300 /	(Leuciscus idus melanotus)	

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EC50 0,1 / (daphnia) (48 .)

· 12.2

· 12.3

· 12.4

· 12.5

· PBT:

· vPvB:

· 12.6

PBT (

) vPvB (

13:

· 13.1

080111

14:

· 14.1

UN

· ADR, ADN, IMDG, IATA

· 14.2

· ADR, ADN, IMDG, IATA

· 14.3

· ADR, ADN, IMDG, IATA

· 14.4

· ADR, IMDG, IATA

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· 14.5

· 14.6

· 14.7

MARPOL73/78 (

II

) IBC Code (

)

· *UN "Model Regulation":*

15:

· 15.1

1907/2006 1272/2008

· P

161/2006 (2004/42/EC)-

· 15.2

16:

H301
H311
H314
H315
H317
H319
H331
H335
H400
H410

R23/24/25
R34
R36
R36/37/38
R43

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R50/53

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: 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
 Acute Tox. 3: Acute toxicity, Hazard Category 3
 Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
 Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1
 Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

1999/45/EC

67/548/

ECHA -

INRS Fiche Toxicologique

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