

: 16.07.2015

: 16.07.2015

1:

· 1.1

PC35

· 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



Eye Irrit. 2 H319

67/548/EEC

1999/45/EC

· 2.2

(EC) 1272/2008

(CLP).



GHS07

H319

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P280 / / / /
P264 / / / /
P305+P351+P338 : : : :
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: 57674-14-3 EINECS: 260-892-4	ACID RED 357 ❌ Xi R36 R52/53 ⚠ Eye Irrit. 2, H319 Aquatic Chronic 3, H412	5-9,99%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol ❌ Xi R36 ⚠ Eye Irrit. 2, H319	2,5-4,99%














3)

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<p>CAS: 1336-21-6 EINECS: 215-647-6 Reg.nr.: 01-2119488876-14-XXXX</p>	<p>ammonia  C R34  N R50  Skin Corr. 1B, H314  Aquatic Acute 1, H400  STOT SE 3, H335</p>	<p>(²⁾ 0,1-<0,5%</p>
<p>CAS: 55965-84-9</p>	<p>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</p>	<p><0,0015%</p>

16.

4:

4.1

4.2

4.3

48

11

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(3)

5:

· 5.1

CO₂,

· 5.2

· 5.3

6:

()

· 6.1

· 6.2

· 6.3

· 6.4

13.

7.

8.

13.

7:

· 7.1

· 7.2

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5 °C

7.3

8:

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

PDK : 10 /m³

DNEL

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

()	DNEL	1,25 / b w / d (popolazione)
()	DNEL	67,5 /mc ()
	DNEL acuto/agudo/ostre/aigu/acute/akut	34 /m c (popolazione)
		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 sjo'dka/eau/agua 1 /L ()

PNEC Suolo/earth/suelo/sol/gleba/ 0,4 / ()

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(5)

EN 374 89/686/

9:

9.1

pH:

100 °C

98 °C

): (,

225 °C

:

:

:

0,9 . %
5,9 . %

20 °C: 1

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20 °C:	1,032 /cm ³
/	
(n- /	
):	
20 °C:	29 s (ISO 3 mm)
(+	
)	3,10 %
VOC (EC)	86,9 % 32,0 /
9.2	9,9 %

10:

10.1

10.2

10.3

10.4

10.5

10.6

11:

11.1

LD/LC50 (/),	
112-34-5 2-(2-butoxyethoxy)ethanol	
()	LD50 2410 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50 2764 / (rabbit/kr lik/Kaninchen/conejo/lapin)
1336-21-6 ammonia	
()	LD50 350 / (rat/szczur/mouse/souris/Maus/rat n)

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12:

· 12.1

112-34-5 2-(2-butoxyethoxy)ethanol	
EC50	101 / () (48 .)
	101 / (daphnia) (48 .)
LC50 (96 .)	1300 / (Leuciscus idus melanotus)
1336-21-6 ammonia	
LC50 (96 .)	101 / (daphnia)
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)	
EC50	0,1 / (daphnia) (48 .)

· 12.2

· 12.3

· 12.4

1 (-):

· 12.5

) vPvB (PBT ())

· PBT:

· vPvB:

· 12.6

13:

· 13.1

080111

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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
- **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:

(10)
RU

PC35

(9)

H301
 H311
 H314
 H317
 H319
 H331
 H335
 H400
 H410

H412

R23/24/25

R34

R36

R43

R50

R50/53

R52/53

: 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

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

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

1999/45/EC

67/548/

ECHA

INRS Fiche Toxicologique

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