

1: / /

- 1.1 $\neq$
 - HMM5A17H
 - AQUATECH F.FINITURA RE OP25
- 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 $\leq$
 - (EC) No 1272/2008
 - 67/548/EEC 1999/45/EC
- 2.2
 - (EC) No 1272/2008
 - 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:

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3: /

- 3.2

CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36-XXXX	2-butoxyethanol Xn R20/21/22 Xi R36/38 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-2,499%
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: 1071-93-8 EINECS: 213-999-5 Reg.nr.: 01-2119962900-36-XXXX	adipohydrazide N R51/53 Aquatic Chronic 2, H411	0,1-<0,5%

16.

4:

- 4.1
- 4.2
- 4.3

5:

- 5.1
- 5.2
- 5.3

תאריך: 16.07.2015

16.07.2015

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2) (תאריך: 16.07.2015)

6: (תאריך: 16.07.2015)

- 6.1 Δ תאריך: 16.07.2015
- 6.2 Δ תאריך: 16.07.2015
- 6.3 Δ תאריך: 16.07.2015
- 6.4 Δ תאריך: 16.07.2015
7. Δ תאריך: 16.07.2015
8. Δ תאריך: 16.07.2015
13. Δ תאריך: 16.07.2015

7: (תאריך: 16.07.2015)

- 7.1 Δ תאריך: 16.07.2015
- 7.2 Δ תאריך: 16.07.2015
- 7.3 Δ תאריך: 16.07.2015

8: (תאריך: 16.07.2015)

7. Δ תאריך: 16.07.2015
- 4) (תאריך: 16.07.2015)

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111-76-2 2-butoxyethanol		
PDK	≤ 5 g/m ³	
112-34-5 2-(2-butoxyethoxy)ethanol		
PDK	≤ 10 g/m ³	
DNEL		
111-76-2 2-butoxyethanol		
≠ g/m ³ (acute)	DNEL	89 g/m ³ (acute)
	DNEL acuto/agudo/ostre/aigu/acute/akut	663 g/m ³ (acute)
g/m ³ (chronic)	DNEL	75 g bw/d (chronic)
	DNEL acuto/agudo/ostre/aigu/acute/akut	89 g bw/d (chronic)
112-34-5 2-(2-butoxyethoxy)ethanol		
(acute)	DNEL	1,25 g bw / d (popolazione)
≠ g/m ³ (acute)	DNEL	67,5 g/mc (acute)
	DNEL acuto/agudo/ostre/aigu/acute/akut	34 g/m ³ (popolazione)
		101,2 g/mc (acute)
g/m ³ (chronic)	DNEL	50,6 g/mc (popolazione)
		20 g bw/d (chronic)
		10 g bw/d (popolazione)
1071-93-8 adipohydrazide		
≠ g/m ³ (acute)	DNEL	8,6 g/m ³ (acute)
PNEC		
111-76-2 2-butoxyethanol		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	8,8 g/L ()	
PNEC Suolo/earth/suelo/sol/gleba/	2,8 g/L ()	
112-34-5 2-(2-butoxyethoxy)ethanol		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	1 g/L ()	
PNEC Suolo/earth/suelo/sol/gleba/	0,4 g/L ()	
1071-93-8 adipohydrazide		
PNEC Acqua dolce/water/woda sŕodka/eau/agua	0,062 g/L ()	

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9:

- [illegible]

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(| 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 6)

11: 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠 𐎧𐎫𐎼𐎠

- 11.1 $\neq$

[illegible]

111-76-2 2-butoxyethanol

	LD50 1480 =		(rat/szczur/mouse/souris/Maus/rat ^h)
	LD50 1100 =		(rab)

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

	LD50	2410 =	
	LD50	2764 =	

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12: F H H U L A [redacted] J L T T F F L [redacted]

- **12.1**

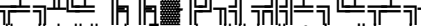
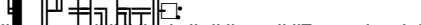
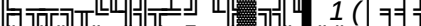
A circuit diagram for the square root of 2, showing a series of logic gates and a feedback loop.

111-76-2 2-butoxyethanol

EC50	1550 = 7 (daphnia) (48)
LC50 (96)	1474 = 7 ()

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

<i>EC</i> 50	101 = ♀♂ (♀♂) (48 ♀♂)
	101 = ♀♂ (<i>daphnia</i>) (48 ♀♂)
<i>LC</i> 50 (96♀♂)	1300 = ♀♂ (<i>Leuciscus idus melanotus</i>)

- 12.2 
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(1 2 3 4 5 6 7 8)

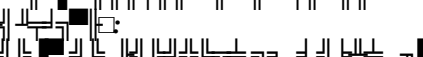
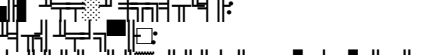
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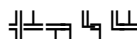
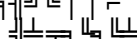
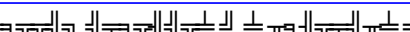
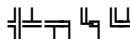
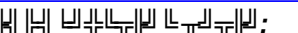
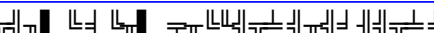
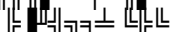
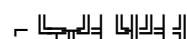
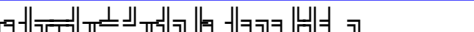
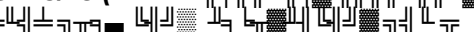
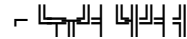
HMM5A17H
AQUATECH F.FINITURA RE OP25

(1 2 3 4 5 6 7)

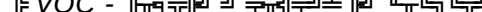
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- 13.1 
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14: ♯-||||||

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| <p>• 14.1  UN</p> <p>• ADR, ADN, IMDG, IATA</p> |  |
| <p>• 14.2 </p> <p>• ADR, ADN, IMDG, IATA</p> |  |
| <p>• 14.3 </p> <p>• ADR, ADN, IMDG, IATA</p> <p>• </p> |  |
| <p>• 14.4 </p> <p>• ADR, IMDG, IATA</p> |  |
| <p>• 14.5 </p> <p>• </p> |  |
| <p>• 14.6 </p> <p></p> |  |
| <p>• 14.7 </p> <p>MARPOL73/78 ()</p> <p></p> <p>IBC Code ()</p> <p></p> |  |
| <p>• UN "Model Regulation":</p> | - |

15: |

- 15.1  , 
 —  1907/2006  1272/2008
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Dir 2004/42/EC -  (Cat A / ): 130  / 
 50  / VOC -  

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HMM5A17H
AQUATECH F.FINITURA RE OP25

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15.2

16:

H302
H312
H315
H319
H332
H411
R20/21/22
R36
R36/38
R51/53

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. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

1999/45/EC

67/548/EEC

ECHA

INRS Fiche Toxicologique

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