

: 16.07.2015

: 16.07.2015

1:

· 1.1

PC34

· 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



Aquatic Chronic 2 H411



Eye Irrit. 2 H319

67/548/EEC

1999/45/EC

Xi;

R36:

N;

R51/53:

: 16.07.2015

: 16.07.2015

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2.2

(EC) 1272/2008

(CLP).



GHS07 GHS09

H319
H411

P280

P273
P264

P305+P351+P338

P337+P313
P501

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: 112-34-5	2-(2-butoxyethoxy)ethanol	10-14,99%
EINECS: 203-961-6	Xi R36	
Reg.nr.: 01-2119475104-44-XXXX	Eye Irrit. 2, H319	

3)
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<p>CAS: 55809-98-8 EINECS: 259-830-9</p>	<p>C.I. ACID ORANGE 142  Xi R36  N R50/53  Aquatic Acute 1, H400; Aquatic Chronic 1, H410  Eye Irrit. 2, H319</p>	<p>(²⁾ 5-9,99%</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

()

48

4.2

4.3

11

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(3)

5:

· 5.1

CO₂,

· 5.2

· 5.3

6:

()

· 6.1

· 6.2

· 6.3

()

13.

· 6.4

7.

8.

13.

7:

· 7.1

· 7.2

8

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5 °C

7.3

8:

8.1

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 () 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 sjo'dka/eau/agua 1 /L ()

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

8.2

6)

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EN 374

89/686/

9:

9.1

pH:

100 °C

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(6)

·	:	98 °C
·):	(,
·	:	225 °C
·	:	
·	:	
·	:	
·	:	
·	:	0,9 . %
·	:	5,9 . %
·	20 °C:	1
·	20 °C:	1,032 /cm ³
·	:	:
·	:	:
·	:	/
·):	(n- /
·	:	
·	20 °C:	29 s (ISO 3 mm)
·	:	
·	:	(+
·	:	13,00 %
·	:	79,2 %
·	VOC (EC)	134,1 /
·	:	7,8 %
·	9.2	

10:

- 10.1
- 10.2

- 10.3
- 10.4

- 10.5

8)

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· 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)

12:

· 12.1

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

EC50 101 / () (48 .)

101 / (daphnia) (48 .)

LC50 (96 .) 1300 / (Leuciscus idus melanotus)

55809-98-8 C.I. ACID ORANGE 142

EC50 10 / (daphnia)

LC50 (96 .) 1 / (Poecilia reticulata) (OECD - Linee guida 203)

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

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· 12.5

PBT (

) 8)

) vPvB (

· PBT:

· vPvB:

· 12.6

13:

· 13.1

080111

14:

· 14.1

UN

· ADR, IMDG, IATA

UN3082

· 14.2

· ADR

UN3082

· IMDG

· IATA

, (C.I. ACID ORANGE 142)
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (C.I. ACID
ORANGE 142), MARINE POLLUTANT
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (C.I. ACID
ORANGE 142)

· 14.3

· ADR, IMDG, IATA



9

9

· 14.4

· ADR, IMDG, IATA

III

· 14.5

: C.I. ACID ORANGE 142

10)

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:

(9)

. :
 . (ADR): ()
 . (IATA): ()

14.6

. :
 . EMS: (): 90
 F-A,S-F

14.7

MARPOL73/78 (II
) IBC Code (
)

. / :
 . ADR
 . (LQ) 5L : E1
 . (EQ)
 : 30
 : 1000
 . 3
 . E

. IMDG
 . Limited quantities (LQ) 5L
 . Excepted quantities (EQ) Code: E1
 Maximum net quantity per inner packaging: 30
 Maximum net quantity per outer packaging: 1000

. UN "Model Regulation": UN3082, , (C.I.)
 ACID ORANGE 142), 9, III

15:

15.1

,
 , 96/82/EC 51/53 1: 100
 2: 200

1907/2006 1272/2008

. P 161/2006 (2004/42/EC)-

(11)

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: 16.07.2015

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(10)

15.2

16:

H301
H311
H314
H317
H319
H331
H400
H410

R23/24/25
R34
R36
R43
R50/53

: 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

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

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

1999/45/EC

67/548/

ECHA

INRS Fiche Toxicologique

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