

: 16.07.2015

: 14.07.2015

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PF5T03

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IVM Chemicals Srl
Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441

Environmental Health and safety office
hseoffice@ivmchemicals.com

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8.30 17.30 0039 038 425 441

: 0039 0384 254491

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() 1272/2008



Flam. Liq. 3 H226



Skin Irrit. 2 H315
Eye Irrit. 2 H319
Skin Sens. 1 H317
STOT SE 3 H336

67/548/EEC

1999/45/EC



Xi;

R36/38:



Xi;

R43:

R10-67:

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(EC) 1272/2008

(CLP).



GHS02 GHS07

1-methoxy-2-propanol
C.I. ACID BLACK 194
C.I. ACID ORANGE 139
C.I. Acid Yellow 151

H226
H315
H319
H317
H336

P210 / / / ..

P241 / /

P303+P361+P353 ():

P305+P351+P338 :

P405
P501 /

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PBT () **vPvB**

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PBT:

vPvB:

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CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35-XXXX	1-methoxy-2-propanol R10-67 Flam. Liq. 3, H226 STOT SE 3, H336	50-69,99%
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	20-<25%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol Xi R36 Eye Irrit. 2, H319	5-9,99%
CAS: 57693-14-8 EINECS: 260-906-9	C.I. ACID BLACK 194 Xi R36 Xi R43 N R51/53 Aquatic Chronic 2, H411 Eye Irrit. 2, H319; Skin Sens. 1, H317	1-2,499%
CAS: 72275-69-5 EINECS: 276-558-6	C.I. ACID ORANGE 139 Xi R36/37/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	1-2,499%
CAS: 72496-88-9	C.I. Acid Yellow 151 Xi R36/37/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	1-2,49%
CAS: 1589-47-5 EINECS: 216-455-5	2-methoxypropanol T Repr. Cat. 2 R61 Xi R37/38-41 R10 Flam. Liq. 3, H226 Repr. 1B, H360D Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335	0,1-<0,3%

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111-76-2 2-butoxyethanol	
PDK	: 5 /m ³
/	
112-34-5 2-(2-butoxyethoxy)ethanol	
PDK	: 10 /m ³
DNEL	
107-98-2 1-methoxy-2-propanol	
()	DNEL 369 /mc ()
	DNEL acuto/agudo/ostre/aigu/acute/akut 553,5 /mc ()

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	DNEL	50,6 / b w / d ()
111-76-2 2-butoxyethanol		
()	DNEL	89 /mc ()
	DNEL acuto/agudo/ostre/aigu/acute/akut	663 /mc ()
	DNEL	75 / bw/d ()
	DNEL acuto/agudo/ostre/aigu/acute/akut	89 / bw/d ()
112-34-5 2-(2-butoxyethoxy)ethanol		
()	DNEL	1,25 / b w / d (popolazione)
()	DNEL	67,5 /mc ()
		34 /mc (popolazione)
	DNEL acuto/agudo/ostre/aigu/acute/akut	101,2 /mc ()
	DNEL	50,6 /mc (popolazione)
		20 / bw/d ()
		10 / bw/d (popolazione)

PNEC

107-98-2 1-methoxy-2-propanol

PNEC Suolo/earth/suelo/sol/gleba/ 2,47 / ()

111-76-2 2-butoxyethanol

PNEC Acqua dolce/water/woda sŕodka/eau/agua 8,8 /L ()

PNEC Suolo/earth/suelo/sol/gleba/ 2,8 / ()

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

PNEC Acqua dolce/water/woda sŕodka/eau/agua 1 /L ()

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

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/
EN 374

89/686/ ..



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pH:

100 °C

35 °C

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	:	225 °C
	:	
	:	
	:	
	:	/
	:	0,9 %
	:	20,0 %
	20 °C:	12
	20 °C:	0,961 /cm ³
	:	:
	:	:
	:	:
	:	/
	:	(n- /
):	
	:	
	:	20 °C: 29 s (ISO 3 mm)
	:	
	:	(+
	:	95,55 %
	:	0,7 %
	VOC (EC)	918,3 /
	:	3,8 %
9.2	:	

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- 10.2

· 10.3

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· 10.6

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LD/LC50 (/),

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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)

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

()	LD50	2410	/ (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	2764	/ (rabbit/kr lik/Kaninchen/conejo/lapin)

72496-88-9 C.I. Acid Yellow 151

()	LD50	5001	/ (rat/szczur/mouse/souris/Maus/rat n)
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107-98-2 1-methoxy-2-propanol

EC50	23300	/ (daphnia) (48 .)
LC50 (96 .)	6812	/ ()

111-76-2 2-butoxyethanol

EC50	1550	/ (daphnia) (48 .)
LC50 (96 .)	1474	/ ()

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

EC50	101	/ () (48 .)
	101	/ (daphnia) (48 .)
LC50 (96 .)	1300	/ (Leuciscus idus melanotus)

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· 12.5

PBT (

) vPvB (

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· PBT:

· vPvB:

· 12.6

13:

· 13.1

080111

14:

· 14.1

UN

· ADR, IMDG, IATA

UN1263

· 14.2

· ADR

UN1263

640E

· IMDG, IATA

PAINT

· 14.3

· ADR, IMDG, IATA



3

3

· 14.4

· ADR, IMDG, IATA

III

· 14.5

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· 14.6

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: 14.07.2015

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EMS:

F-E,S-E

· 14.7

II

MARPOL73/78 (

) IBC Code (

)

/

:

· ADR

(LQ)

5L

(EQ)

: E1

: 30

: 1000

3

D/E

Classificato: ADR 3 . . III 1263 1866

Confezioni > 450 L.

IMDG 3 . . III 1263

1866 Confezioni > 30 L.

· 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":

UN1263,
III

, . 640E, 3,

15:

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96/82/EC

1: 5000

2: 50000

1907/2006 1272/2008

· P

161/2006 (2004/42/EC)-

· 15.2

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16:

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H226
 H302
 H312
 H315
 H317
 H318
 H319
 H332
 H335
 H336
 H360D
 H411

R10
 R20/21/22

R36
 R36/37/38
 R36/38
 R37/38
 R41
 R43
 R51/53

R61
 R67

: 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

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

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

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

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

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Repr. 1B: Reproductive toxicity, Hazard Category 1B

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

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

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1999/45/EC

67/548/

ECHA -

INRS Fiche Toxicologique

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