

: 16.07.2015

: 16.07.2015

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1.1

PF54

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



Flam. Liq. 3 H226



Eye Irrit. 2 H319
STOT SE 3 H336

67/548/EEC

1999/45/EC

R10-67:

2.2

(EC) 1272/2008

(CLP).

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1-methoxy-2-propanol
C.I. ACID ORANGE 139

H226
H319
H336

P101

P102
P103
P210

P241

P303+P361+P353

P305+P351+P338

P405
P501

2.3

PBT (

) vPvB

PBT:
vPvB:

3: /

3.2

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	70-89,99%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol Xi R36 Eye Irrit. 2, H319	10-14,99%









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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	(²⁾ 5-9,99%
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%

16.

4:

4.1

()

48

4.2

4.3

5:

5.1

5.2

5.3

4)

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(3)

6:

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6.1

6.2

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6.4

13.

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7:

7.1

7.2

7.3

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(4)

8:

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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 ()
	DNEL	50,6 / b w / d ()
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		
107-98-2 1-methoxy-2-propanol		
PNEC Suolo/earth/suelo/sol/gleba/	:	2,47 / ()
112-34-5 2-(2-butoxyethoxy)ethanol		
PNEC Acqua dolce/water/woda sypdka/eau/agua	:	1 /L ()
PNEC Suolo/earth/suelo/sol/gleba/	:	0,4 / ()

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8.2



EN 374

89/686/



9:

9.1

pH:

100 °C

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(6)

	:	35 °C
):	(,	.
	:	225 °C
	:	.
	:	.
	:	,
	/	.
	:	
	:	0,9 . %
	:	20,0 . %
	20 °C:	12
	20 °C:	0,95 /cm ³
	:	:
	:	:
	/	.
):	(n- /	.
	:	
	20 °C:	30 s (ISO 3 mm)
	:	
	(+	
)	91,65 %
	:	2,0 %
VOC (EC)	:	870,9 /
	:	6,4 %
9.2	:	-

10:

10.1

10.2

10.3

10.4

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· 10.5

· 10.6

11:

· 11.1

LD/LC50 (/),

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)

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

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

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

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

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

· 12.2

· 12.3

· 12.4

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· 12.5

PBT (

) vPvB (

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· PBT:

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· vPvB:
· 12.6

(8)

13:

· 13.1

080111

14:

· 14.1 **UN**
· ADR, IMDG, IATA

UN1263

· 14.2
· ADR
· IMDG, IATA

UN1263
PAINT, 640E

· 14.3
· ADR, IMDG, IATA



3
3

· 14.4
· ADR, IMDG, IATA

III

· 14.5
:

· 14.6

· EMS: (): 30
F-E, S-E

(10)
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:

(9)

· 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)

· Excepted quantities (EQ)

5L

Code: E1

Maximum net quantity per inner
packaging: 30

Maximum net quantity per outer
packaging: 1000

· UN "Model Regulation":

UN1263,
III

, . 640E, 3,

15:

· 15.1

96/82/EC

1: 5000

2: 50000

1907/2006 1272/2008

· P

161/2006 (2004/42/EC)-

· 15.2

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11)

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(10)

16:

H226
 H315
 H318
 H319
 H335
 H336
 H360D
 R10
 R36
 R36/37/38
 R37/38
 R41
 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
 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
 Repr. 1B: Reproductive toxicity, Hazard Category 1B
 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

1999/45/EC
 67/548/
 ECHA -
 INRS Fiche Toxicologique

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