

: 16.07.2015

: 14.07.2015

1:

· 1.1

PF5T01

· 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
Skin Sens. 1 H317
STOT SE 3 H336

67/548/EEC

1999/45/EC



Xi;
R43:
R10-67:

· 2.2

(EC) 1272/2008

(CLP).

: 16.07.2015

: 14.07.2015

PF5T01



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

H226
H319
H317
H336

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%

3)
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: 16.07.2015

: 14.07.2015

PF5T01

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	(2) 2,5-4,99%
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: 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: 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

: 16.07.2015

: 14.07.2015

PF5T01

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(3)

5:

· 5.1

· 5.2

· 5.3

6:

· 6.1

· 6.2

· 6.3

· 6.4

7:

· 7.1

: 16.07.2015

: 14.07.2015

PF5T01

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(4)

7.2

7.3

8

8:

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8.1

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)

(6)

: 16.07.2015

: 14.07.2015

PF5T01

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(5)

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 słodka/eau/agua 1 /L ()

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

8.2



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EN 374

89/686/ ..



: 16.07.2015

: 14.07.2015

PF5T01

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(6)

9:

9.1

pH:	
	100 °C
	35 °C
	225 °C
	0,9 %
	20,0 %
20 °C:	12
20 °C:	0,956 /cm ³
	(n- /
20 °C:	29 s (ISO 3 mm)
	92,23 %
	1,2 %
VOC (EC)	881,8 /

(8)

: 16.07.2015

: 14.07.2015

PF5T01

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(7)

· 9.2

: 6,5 %

10:

· 10.1

· 10.2

· 10.3

· 10.4

· 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)

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

()	LD50	5001	/ (rat/szczur/mouse/souris/Maus/rat n)
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: 16.07.2015

: 14.07.2015

PF5T01

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(8)

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

· 12.5

) vPvB (

PBT (

)

· **PBT:**

· **vPvB:**

· 12.6

13:

· 13.1

080111

14:

· 14.1

UN

· **ADR, IMDG, IATA**

UN1263

· 14.2

· **ADR**

UN1263

640E

(10)

PF5T01

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(9)

· **IMDG, IATA**

PAINT

· **14.3**

· **ADR, IMDG, IATA**



·
·

3
3

· **14.4**

· **ADR, IMDG, IATA**

III

· **14.5**

:

·

:

· **14.6**

:

·
·

EMS: (): :

30
F-E, S-E

· **14.7**

II

MARPOL73/78 (

) IBC Code (

)

·

/

:

· **ADR**

·
·

(LQ)

(EQ)

5L

: 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

(11)

: 16.07.2015

: 14.07.2015

PF5T01

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(10)

· 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

16:

H226
H315
H317
H318
H319
H335
H336
H360D
H411

R10
R36
R36/37/38
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

(12)

: 16.07.2015

: 14.07.2015

PF5T01

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(11)

*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**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*

1999/45/EC

67/548/

ECHA -

INRS Fiche Toxicologique

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