

: 16.07.2015

: 16.07.2015

**1:**

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PF5T05

· 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



R43:  
R10-67:

· 2.2

(EC) 1272/2008

(CLP).

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**PF5T05**



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

H226  
H319  
H317  
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	1-methoxy-2-propanol	70-89,99%
EINECS: 203-539-1	R10-67	
Reg.nr.: 01-2119457435-35-XXXX	Flam. Liq. 3, H226 STOT SE 3, H336	

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CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol  Xi R36  Eye Irrit. 2, H319	( 2) 5-9,99%
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	2,5-4,99%
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: 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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16.

**4:**

**4.1**

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48

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**PF5T05**

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**PF5T05**

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<b>112-34-5 2-(2-butoxyethoxy)ethanol</b>	
PDK	: 10 /m <sup>3</sup>

<b>DNEL</b>		
<b>107-98-2 1-methoxy-2-propanol</b>		
( )	DNEL	369 /mc ( )
	DNEL acuto/agudo/ostre/aigu/acute/akut	553,5 /mc ( )
	DNEL	50,6 / b w / d ( )

<b>112-34-5 2-(2-butoxyethoxy)ethanol</b>		
( )	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 ( )

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		( 5)
		10 / bw/d (popolazione)
<b>PNEC</b>		
<b>107-98-2 1-methoxy-2-propanol</b>		
PNEC Suolo/earth/suelo/sol/gleba/	2,47	/ ( )
<b>112-34-5 2-(2-butoxyethoxy)ethanol</b>		
PNEC Acqua dolce/water/woda słodka/eau/agua	1	/L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,4	/ ( )

**8.2**



/  
EN 374

89/686/



**PF5T05**

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**9:**

**9.1**

**pH:**

120 °C

35 °C

225 °C

0,9 %  
20,0 %

20 °C: 12

20 °C: 0,984 /cm<sup>3</sup>

(n- /

20 °C: 29 s (ISO 3 mm)

**VOC (EC)**

93,60 %  
0,9 %  
921,0 /

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· 9.2 : 5,5 %

**10:**

· 10.1

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· 10.4

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· 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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<b>107-98-2 1-methoxy-2-propanol</b>	
EC50	23300 / (daphnia) (48 .)
LC50 (96 .)	6812 / ( )
<b>112-34-5 2-(2-butoxyethoxy)ethanol</b>	
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

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**PF5T05**

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· **IMDG, IATA**

**PAINT**

· **14.3**

· **ADR, IMDG, IATA**



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·

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

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· 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

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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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