

: 22.09.2017

: 06.09.2017

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· 1.1

CLT18

: **KROMOLUX**

· 1.2.

· 1.3

IVM Chemicals srl

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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

· 2.2

(EC) 1272/2008

(CLP).



GHS02

GHS07

1-methoxy-2-propanol
C.I. ACID BLACK 194

H226

H319

2)

RU

H317	(1)
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 Flam. Liq. 3, H226 STOT SE 3, H336	75-100%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol Eye Irrit. 2, H319	10-20%
CAS: 72275-69-5 EINECS: 276-558-6 Reg.nr.: 01-2120119369-52-XXXX	C.I. ACID ORANGE 139 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2,5-4,99%
CAS: 57693-14-8 EINECS: 260-906-9 Reg.nr.: 01-2119969289-17-XXXX	C.I. ACID BLACK 194 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 Flam. Liq. 3, H226 Repr. 1B, H360D Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335	< = 1%
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16.		



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· 6.4 - 7. - 8. 13.

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· 8.1 ; . 7. :

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

	DNEL	369 /mc ()
	DNEL	50,6 / bw/d ()
112-34-5 2-(2-butoxyethoxy)ethanol		
()	DNEL	1,25 / bw/d (popolazione)
()	DNEL acuto/agudo/ostre/aigu/acute/akut	101,2 /mc ()
	DNEL	50,6 /mc (popolazione)
	DNEL	67,5 /mc ()
	DNEL	34 /mc (popolazione)
	DNEL	20 / bw/d ()
		10 / bw/d (popolazione)
PNEC		
107-98-2 1-methoxy-2-propanol		
PNEC Acqua dolce/water/woda słodka/eau/agua	10	/L ()
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



EN 374

89/686/

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(5)
/ /
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9

9.1
pH:
100°C
35°C
): (,
225°C
0,9 %
20 %
20°C: 12
20°C: 0,962 /cm ³

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(6)
<p>(n- /):</p>
<p>20°C: 40 s (ISO 4 mm)</p>
<p>(+)</p> <p>91,42 %</p> <p>1,6 %</p> <p>VOC (EC) 879,5 /</p>
<p>9.2 : 7,0 %</p>

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	4.016 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	5.001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
()	LC50/4	5.001 / (rat/szczur/mouse/souris/Maus/rat n)
112-34-5 2-(2-butoxyethoxy)ethanol		
()	LD50	6.600 / (rat/szczur/mouse/souris/Maus/rat n)
()	LD50	2.764 / (rabbit/kr lik/Kaninchen/conejo/lapin)
72275-69-5 C.I. ACID ORANGE 139		
()	LD50	5.001 / (rat/szczur/mouse/souris/Maus/rat n)

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107-98-2 1-methoxy-2-propanol	
EC50	23.300 / (daphnia) (48 .)
LC50 (96 .)	6.812 / ()
112-34-5 2-(2-butoxyethoxy)ethanol	
EC50	101 / () (48 .)
	101 / (daphnia) (48 .)
LC50 (96 .)	1.300 / (Leuciscus idus melanotus)

· 12.2

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107-98-2	1-methoxy-2-propanol	.
112-34-5	2-(2-butoxyethoxy)ethanol	.

· 12.3

· 12.4

· 12.5

) vPvB (**PBT** ())

· PBT:

· vPvB:

· 12.6

13

· 13.1


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14

· 14.1	UN																												
	· ADR, IMDG, IATA	UN1263																											
· 14.2																													
	· ADR	UN1263																											
	· 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																											
	· Stowage Category	A																											
· 14.7																													
	II																												
	MARPOL73/78 (
) IBC Code (
)																												
<table style="width: 100%;"> <tr> <td style="width: 15%;">· ADR</td> <td style="width: 45%;"></td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td>(LQ)</td> <td>5L</td> </tr> <tr> <td></td> <td>(EQ)</td> <td>: E1</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">: 30</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">: 1000</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">D/E</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Classificato: ADR 3 . . III 1263 1866</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Confezioni > 450 L.</td> </tr> </table>			· ADR				(LQ)	5L		(EQ)	: E1			: 30			: 1000			3			D/E			Classificato: ADR 3 . . III 1263 1866			Confezioni > 450 L.
· ADR																													
	(LQ)	5L																											
	(EQ)	: E1																											
		: 30																											
		: 1000																											
		3																											
		D/E																											
		Classificato: ADR 3 . . III 1263 1866																											
		Confezioni > 450 L.																											

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(9)	
IMDG 3 . . III 1263 1866 Confezioni> 30 L.	
<ul style="list-style-type: none"> · IMDG · <i>Limited quantities (LQ)</i> · <i>Excepted quantities (EQ)</i> 	5L Code: E1 Maximum net quantity per inner packaging: 30 Maximum net quantity per outer packaging: 1000
· UN "Model Regulation":	UN 1263 , 3, III

15

· 15.1

1907/2006 1272/2008
2012/18/EU

1: 5000
2: 50000

· P

· 15.2

16

H226
H315
H317
H318
H319
H335
H336
H360D
H411

: 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)

(11)

PNEC: Predicted No-Effect Concentration (REACH) (10)
 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 . Category 3
 Skin Irrit. 2: Skin corrosion/irritation . Category 2
 Eye Dam. 1: Serious eye damage/eye irritation . Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation . Category 2
 Skin Sens. 1: Skin sensitisation . Category 1
 Repr. 1B: Reproductive toxicity . Category 1B
 STOT SE 3: Specific target organ toxicity (single exposure) . Category 3
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard . Category 2

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 1272/2008/EC
 ECHA -
 INRS Fiche Toxicologique

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