

: 27.10.2017

: 27.10.2017

1

· 1.1

CLT6

: **KROMOLUX**

· 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

· 2.2

(EC) 1272/2008

(CLP).



GHS02 GHS07

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

H226

H319

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%
	16.	



4

· 4.1

· :
() 48'
· (· 8) ,
· :
()
· :
· :
· :
· :
· :

· 4.2

· 4.3

5

· 5.1

· 5.2

· 5.3

6 ()

· 6.1

· 6.2 : / (3)

· 6.3 : (), , - 13.

· 6.4 - 7. - 8. 13.

7

· 7.1 /

· 7.2 , : 8

· 7.3 ()

8


; . 7. :

· 8.1

:	
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 ()

(5)

/ /



9

9.1

pH:

100°C

35°C

225°C

0,9 %

20 %

20°C: 12

20°C: 0,951 /cm³

		(6)
):		(n-	/
:		20°C:	40 s (ISO 4 mm)
:		+	
)			91,73 %
)			1,4 %
· VOC (EC)			872,3 /
· 9.2		:	6,9 %

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)

8)

RU

72275-69-5 C.I. ACID ORANGE 139

()	LD50	5.001 / (rat/szczur/mouse/souris/Maus/rat n)
-----	------	--

12

· 12.1

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

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

· 12.3

· 12.4

1 (-):

· 12.5

) vPvB (PBT ()

· PBT:

· vPvB:

· 12.6

13

· 13.1

--	--


	(8)
--	------

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
· Stowage Category F-E, S-E
A

· **14.7** II

MARPOL73/78 () IBC Code ()

· ADR (LQ) 5L : E1
(EQ) : 30
: 1000
3

--

	(9)
<ul style="list-style-type: none"> · <i>IMDG</i> · <i>Limited quantities (LQ)</i> · <i>Excepted quantities (EQ)</i> 	<p>D/E Classificato: ADR 3 . . III 1263 1866 Confezioni > 450 L. IMDG 3 . . III 1263 1866 Confezioni > 30 L.</p> <hr/> <p>5L Code: E1 Maximum net quantity per inner packaging: 30 Maximum net quantity per outer packaging: 1000</p>
<ul style="list-style-type: none"> · UN "Model Regulation": 	UN 1263 , 3, III

15	
<ul style="list-style-type: none"> · 15.1 	<p>1907/2006 1272/2008 2012/18/EU</p> <p style="text-align: right;">1: 5000 2: 50000</p>
<ul style="list-style-type: none"> · P 	<p>()</p>
<ul style="list-style-type: none"> · 15.2 	<p>:</p>

16	
<ul style="list-style-type: none"> H226 H315 H317 H318 H319 H335 H336 H360D H411 	<p style="text-align: center;">: IVM Chemicals Srl : Carlo Porta</p> <p>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</p>
<p>(11)</p>	<p>RU</p>

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 . 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

.
 1272/2008/EC
 ECHA -
 INRS Fiche Toxicologique

. *

(10)