



: 19.09.2016

: 02.05.2015

1

.
. : **613 DEEP BLUE**
. : 613
.

.
. / :
General Paint Co. SAL
P.O. Box 7623
Beirut
LEBANON
www.generalpaint.biz

. : Product safety department
. : During normal opening times: (961) 9 925990 /1/2

2



3 H226



3 H336

5 H333

(GHS).



GHS02 GHS07

.
. :
xylene
Solvent naphtha (petroleum), light arom.
2,3-epoxypropyl neodecanoate



: 613 DEEP BLUE	
<p>vPvB (</p> <p>PBT:</p> <p>vPvB:</p>	<p>PBT (</p> <p>)</p>

3 /																	
<table border="1"> <tr> <td>123-86-4</td> <td>n-butyl acetate 🔥 3, H226; ⚠️ 3, H336</td> <td>25-50%</td> </tr> <tr> <td>1330-20-7</td> <td>xylene 🔥 H312; 3, H226; ⚠️ 4, H332; 2, H315 4,</td> <td>2,5-10%</td> </tr> <tr> <td>108-65-6</td> <td>2-methoxy-1-methylethyl acetate 🔥 3, H226</td> <td>2,5-10%</td> </tr> <tr> <td>64742-95-6</td> <td>Solvent naphtha (petroleum), light arom. ⚠️ 4, H332; 4, H227; 3, H335; 5, H313</td> <td>2,5-10%</td> </tr> <tr> <td>80-62-6</td> <td>methyl methacrylate 🔥 1, H317; 2, H225; ⚠️ 3, H335 2, H315;</td> <td>½ 2,5%</td> </tr> </table>			123-86-4	n-butyl acetate 🔥 3, H226; ⚠️ 3, H336	25-50%	1330-20-7	xylene 🔥 H312; 3, H226; ⚠️ 4, H332; 2, H315 4,	2,5-10%	108-65-6	2-methoxy-1-methylethyl acetate 🔥 3, H226	2,5-10%	64742-95-6	Solvent naphtha (petroleum), light arom. ⚠️ 4, H332; 4, H227; 3, H335; 5, H313	2,5-10%	80-62-6	methyl methacrylate 🔥 1, H317; 2, H225; ⚠️ 3, H335 2, H315;	½ 2,5%
123-86-4	n-butyl acetate 🔥 3, H226; ⚠️ 3, H336	25-50%															
1330-20-7	xylene 🔥 H312; 3, H226; ⚠️ 4, H332; 2, H315 4,	2,5-10%															
108-65-6	2-methoxy-1-methylethyl acetate 🔥 3, H226	2,5-10%															
64742-95-6	Solvent naphtha (petroleum), light arom. ⚠️ 4, H332; 4, H227; 3, H335; 5, H313	2,5-10%															
80-62-6	methyl methacrylate 🔥 1, H317; 2, H225; ⚠️ 3, H335 2, H315;	½ 2,5%															
(3)															



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE

26761-45-5	2,3-epoxypropyl neodecanoate 3, H331; H411; 2, H315; 5, H313;	() 2, 1, H317; 2, H401	²⁾ ½ 2,5%
868-77-9	2-hydroxyethyl methacrylate 2, H315; 1, H317	2, H319;	½ 2,5%
			16.

4

.

: :

: :

: :

: :

: :

‘

‘

-

-

5

CO2,

‘

‘

‘

‘

‘

‘

‘

6

()

‘

‘

‘

‘

‘

‘

4)
RU



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE

(3)
 , (, -
).
 13.
 7.
 8.
 13.

7

:/
 :3
 ()

8

7.
 :

:

123-86-4 n-butyl acetate	
PDK	: 200 /m ³ : 50 /m ³
/	

1330-20-7 xylene	
PDK	: 150 /m ³ : 50 /m ³
/	



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE

108-65-6 2-methoxy-1-methylethyl acetate		(4)
PDK	: 10 /m ³	/





: 613 DEEP BLUE

(5)

9

.
. :
. :
. :
. :
. :

pH:

.
. /
. /
. : 124 °C

124 °C

. : 25 °C

25 °C

.) : (,

. : 315 °C

315 °C

. :

. :

. : /

. : 1,2 . %

1,2 . %

. : 7,5 . %

7,5 . %

. 20 °C: 10,7

20 °C:

10,7

. 20 °C: 1,001 /cm³

20 °C:

1,001 /cm³

. :
. :
. :

. : /

.) : (n- /

. : :
. : :

. : :
. : :

VOC (EC)

46,5 %
465,9 /

(7)



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE

(6)

: 52,8 %

10

.

.

.

.

.

.

11

.

.

.

LD/LC50 (/),

1330-20-7 xylene

()	LD50	4300 / (rat)
()	LD50	2000 / (rabbit)

64742-95-6 Solvent naphtha (petroleum), light arom.

()	LD50	>6800 / (rat)
()	LD50	>3400 / (rab)
()	LC50/4	>10,2 / (rat)

.

.

.

.

12

.

.

.

.

.

.

(8)



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE

(7)

3 (-):

PBT ()


vPvB ()

PBT:

vPvB:

13

14

· UN	
· ADR, IMDG, IATA	UN1263
· ADR	1263
· IMDG	PAINT
· IATA	Paint
· ADR, IMDG, IATA	
	
·	3
·	3
· ADR, IMDG, IATA	III

(9)

RU



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE

		(8)
<p>· :</p> <p>· :</p>			
<p>· EMS:</p> <p>· Stowage Category</p>		<p><u>F-E,S-E</u></p> <p>A</p>	
<p>· MARPOL73/78 (</p> <p>IBC Code (</p> <p>)</p>		<p>II</p> <p>)</p>	
<p>· / :</p>			
<p>· ADR</p> <p>· (LQ) (EQ) 5L : E1</p> <p>: 30</p> <p>: 1000</p> <p>· 3</p> <p>· D/E</p>			
<p>· IMDG</p> <p>· Limited quantities (LQ)</p> <p>· Excepted quantities (EQ)</p>		<p>5L</p> <p>Code: E1</p> <p>Maximum net quantity per inner packaging: 30</p> <p>Maximum net quantity per outer packaging: 1000</p>	
<p>· UN "Model Regulation":</p>		<p>UN 1263 , 3, III</p>	

15

· ,

· ,

(GHS).

(



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE



xylene
Solvent naphtha (petroleum), light arom.
2,3-epoxypropyl neodecanoate

16

- H225
- H226
- H227
- H312
- H313
- H315
- H317
- H319
- H331
- H332
- H335



: 19.09.2016

: 02.05.2015

: 613 DEEP BLUE

H336

H401

H411

(10)

: Product safety department

: Ms. Topaljikian

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

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

2: Flammable liquids, Hazard Category 2

3: Flammable liquids, Hazard Category 3

4: Flammable liquids, Hazard Category 4

4: Acute toxicity, Hazard Category 4

5: Acute toxicity, Hazard Category 5

3: Acute toxicity, Hazard Category 3

2: Skin corrosion/irritation, Hazard Category 2

2: Serious eye damage/eye irritation, Hazard Category 2

1: Sensitisation - Skin, Hazard Category 1

3: Specific target organ toxicity - Single exposure, Hazard Category 3

2: Hazardous to the aquatic environment - Acute Hazard, Category 2

2: Hazardous to the aquatic environment - Chronic Hazard, Category 2