

CLE113 INTERLAC 665 RAL1012 LEMON YELLOW

4

10/24/14

1.

1.1. INTERLAC 665 RAL1012 LEMON YELLOW
CLE113

1.2.

1.3.

626-6

(8-6)

1.4.

055-632-6286(),055 586 2310()

055 587 6276()

055 586 2310()

055 586 2310()

2.

2.1.

3; H226

2;H411

2.2.

11 , 12



H226

H411

[]:

P210 / / /

P260 / /

P262 , , .
P273
P280 / / /
[]:
P301+310 : /
P303+361+353 () :
/
P331
P332+313 : /
P370 :
P378 , , ,
P391
[]:
P403+233 가
[]:
P501 ()

2.3. .
PBT (,) vPvB (,)

3.

/	%	GHS	
White spirits CAS No: 0064742-82-1	20-30	1;H304 - 2;H411 3; H226	[1]
Titanium dioxide CAS No: 0013463-67-7	1-2.5		[1][2]
1-Methoxy-2-propyl acetate CAS No: 0000108-65-6	1-2.5	3; H226	[1]
xylene CAS No: 0001330-20-7	1-2.5	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	[1][2]
Methyl ethyl ketoxime CAS No: 0000096-29-7	<1	2;H351 - 4;H312 / 1;H318 1;H317	[1]
	60-70	---	---

- 1)
- 2) 가
- 3) PBT vPvB
16

4.

4.1.

가

가

10

4.2. 가 /

4.3.

5. ,

5.1.

; , , , .

Note; 가 .

가

5.2.

가 :
, , , .

5.3.

가

가

6.

6.1.

가 가 가 , 가

6.2.

가

6.3.

.8

, , 가 . (13 .)

가

가

,
가

가

7.

7.1.

가

, 가 (LEL) (OEL)

가

가

, 가 (LEL) (OEL)

7.2.

()

: , ,

,8

가 , 가
가 , 1 가

7.3. Specific end use(s)

가

,가 .3

Hot surfaces, Sparks,

가 (60% ,)

8.

8.1.

(OEL) (ACGIH)

(ACGIH)

ppm mg/m³ ppm mg/m³

Barium Sulphate

2 10

Calcium carbonate

10

Titanium dioxide

10

xylene

150 655 100 434

(P) (Peak exposure limit)

(R)

(Sk)

(Sen)

(Cat 1)

(Cat 2) 가

(Cat 3)

DNEL/PNEC

8.2.

가

가 (visor)

(overall)

가

가

.가

가

.

9.

pH

/ (°C)

(°C)

65

40

(= 1)

(,)

/

: .8 (White spirits)

: 6.6 (xylene)

(Pa)

1.16

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

10.3.

가

가

10.4.

10.5.

10.6.

가

11.

(OEL)

가
2
가

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
1-Methoxy-2-propyl acetate - (108-65-6)	8,532.00,	5,000.00,		
Methyl ethyl ketoxime - (96-29-7)	930.00,	2,000.00,	20.00,	
Titanium dioxide - (13463-67-7)	10,000.00,	10,000.00,		6.82,
White spirits - (64742-82-1)	5,000.00,	3,160.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

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()		
()		
/		
/		
(1)		
()		

12.

12.1.

Dangerous Preparations Directive 1999/45/EC

가
(3)

가

	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
White spirits - (64742-82-1)	100.00, Fish (Piscis)	2.60, Chaetogammarus marinus	
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
1-Methoxy-2-propyl acetate - (108-65-6)	100.00, Salmo gairdneri	500.00, Daphnia magna	
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Methyl ethyl ketoxime - (96-29-7)	320.00, Leuciscus idus	500.00, Daphnia magna	83.00 (72 hr), Scenedesmus subspicatus

12.2.

가 .

12.3.

12.4.

12.5.

, 가
PBT (,) vPvB (,) .

12.6.

13.

13.1.

가

14.

14.1.

1263

14.2.

14.3.

1263, , 3, III, 3[Y]

IMDG

Class/Div. 3

EmS

F-E,S-E

ICAO/IATA

3

14.4.

III

14.5.

:

IMDG : (Naphtha (petroleum), hydrodesulfurized heavy)

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8 .

Titanium dioxide (0013463-67-7)

(CMR):

carbon black (0001333-86-4)

Cobalt (0007440-48-4)

ethanol (0000064-17-5)

Titanium dioxide (0013463-67-7)

:

Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)

:

xylene (0001330-20-7)

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:

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:

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:

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Group I:

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Group II:

Barium Sulphate (0007727-43-7)

xylene (0001330-20-7)

:

()

()

() :

16.

: 10/24/2014

: 4

: 07/05/2012

MSDS KOSHA, NITE, ESIS, NLM, SIDS, IPCS, NCIS

SDS

Section 3 Phrases

H226

H304

H312

H315

H319

H332

H336

H372

H411

This SDS is valid for 5 years from the revised date on page 1.



Akzo Nobel

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