

GFW216 INTERFINE 691 RAL8028 TERRA BROWN PT A

2

10/27/14

1.

1.1. INTERFINE 691 RAL8028 TERRA BROWN PT A
GFW216

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;H315

/

2;H319

3;H412

2.2.

11 , 12



H226

H315

H319

H412

[]:

P210 / / /

P260 / /

P262 , ,

P264

P273

P280 / / /

[]:

P301+310 : /

P302+352 :

P303+361+353 () :

P305+351+338 가 : .가

P321 ().

P331

P337+313 : /

P362

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2;H319 -1 ;H336 - 1;H372	[1][2]
3-Methoxybutyl acetate CAS No: 0004435-53-4	5-10	/ 2;H319	[1]
n-Butyl acetate CAS No: 0000123-86-4	2.5-5	3; H226 -1 ;H336	[1][2]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	2.5-5	1;H304	[1]
Ethylbenzene CAS No: 0000100-41-4	2.5-5	2;H225 - 4;H332 - 3;H373 1;H304 / 2;H315 / 2;H319 -1 ;H335	[1][2]

Iso butanol CAS No: 0000078-83-1	1-2.5	3; H226 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
n-Butyl acrylate CAS No: 0000141-32-2	<1	3; H226 / 2;H319 -1 ;H335 / 2;H315 1;H317	[1][2]
	60-70	---	---

- 1)
- 2) 가
- 3) PBT vPvB
16

4.

4.1.

가

가

10

4.2. 가 /

4.3.

5. ,

5.1.

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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.

(

)

가 , 가
가 , 61
1

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

Ethylbenzene

125

545

100

435

Iso butanol

50

150

n-Butyl acetate

200

950

150

710

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)

101

29

(= 1)

(,)

/

: .8 (3-Methoxybutyl acetate)

: 4.7 (3-Methoxybutyl acetate)

(Pa)

1.58

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

10.3.

가 가

10.4.

.(7 .)

10.5.

10.6.

가

11.

(OEL)

가

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
3-Methoxybutyl acetate - (4435-53-4)	4,210.00,			
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
Iso butanol - (78-83-1)	2,460.00,	3,400.00,		
n-Butyl acetate - (123-86-4)	10,700.00,	17,600.00,		
n-Butyl acrylate - (141-32-2)	900.00,	1,796.00,		
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

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()		
()		
/	2	.
/	2	
(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 ,
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
3-Methoxybutyl acetate - (4435-53-4)	7.10, Danio rerio	360.00, Daphnia magna	
n-Butyl acetate - (123-86-4)	18.00, Pimephales promelas	32.00, Artemia salina	674.70 (72 hr), Scenedesmus subspicatus
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Iso butanol - (78-83-1)	1,330.00, Oncorhynchus mykiss	1,030.00, Daphnia magna	230.00 (72 hr), Scenedesmus subspicatus
n-Butyl acrylate - (141-32-2)	5.20, Oncorhynchus mykiss	8.20, Daphnia magna	5.50 (96 hr), Selenastrum capricornutum

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 :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8 .

Ethylbenzene (0000100-41-4)
n-Butyl acetate (0000123-86-4)

(CMR):

carbon black (0001333-86-4)
Ethylbenzene (0000100-41-4)

:

Iso butanol (0000078-83-1)
Ethylbenzene (0000100-41-4)
n-Butyl acetate (0000123-86-4)
xylene (0001330-20-7)

:

Iso butanol (0000078-83-1)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

가 :

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Group I:

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Group II:

Barium Sulphate (0007727-43-7)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

:

()

()

:

()

16.

: 10/27/2014

: 2

: 05/22/2014

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

SDS

H225
H226
H304
H312
H315
H318
H319
H332
H335
H336
H372
H373

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



Akzo Nobel

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