

FAA262 INTERGARD 263 PART B

1

08/30/13

1.

1.1. INTERGARD 263 PART B  
FAA262

1.2.

1.3.

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+65 6264 4612

1.4.

+65 6261 5033

2.

2.1. .  
2;H225  
/  
2;H315  
/  
2;H319  
1;H317  
-1 ;H335

2.2.

11 , 12



H225

H315

H317  
H319  
H335  
H402

[ ]:

P210 / / /  
P260 / /  
P261 / /가 / / /  
P262 , ,  
P264  
P271 가  
P272  
P273  
P280 / / /

[ ]:

P301+310 : /  
P302+352 :  
P303+361+353 ( ) :  
/ /  
P304+312 : /  
P305+351+338 가 : .가  
P321 ( ).  
P331  
P333+313 /  
P337 :  
P340 가  
P362  
P363  
P370 :  
P378 , , ,

[ ]:

P403+233 가  
P405 가

[ ]:

P501 ( )

2.3. PBT ( , ) vPvB ( , )

3.

/	%	GHS	
Methyl isobutyl ketone CAS No: 0000108-10-1	30-40	2;H225 - 4;H332 / 2;H319 -1 ;H335	[1][2]
Fatty acids, C18-unsatd. polymers with, dimers, fatty acids, tal CAS No: 0106906-26-7	20-30		[1]
Benzyl alcohol	10-20		[1]

CAS No: 0000100-51-6		- 4;H332 - 4;H302	
Alkyl(C12-C14)glycidyl ether CAS No: 0068609-97-2	10-20	/ 2;H315 1;H317	[1]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	1-2.5	1;H304	[1]
Triethylenetetramine CAS No: 0000112-24-3	<1	- 4;H312 / 1B;H314 1;H317 - 3;H412	[1]
Tetraethylenepentamine CAS No: 0000112-57-2	<1	- 4;H312 - 4;H302 / 1B;H314 1;H317 - 2;H411	[1]

- 1)
- 2) 가
- 3) PBT vPvB  
16 가 , 가  
가

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

가

(13 .)

가

가

가

7.

7.1.

가

가 (LEL)

(OEL)

가

가

가 (LEL)

(OEL)

7.2. ( )

, 8

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/m<sup>3</sup> ppm mg/m<sup>3</sup>

Methyl isobutyl ketone 75 307 50 205

(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)

114

21

( = 1)

( , )

/

: 1.4 ( Methyl isobutyl ketone )

: 7 ( Solvent naphtha (petroleum), light

aromatic )

(Pa)

0.91

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

(Section 7 )

가

10.3.

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
Alkyl(C12-C14)glycidyl ether - (68609-97-2)				
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Fatty acids, C18-unsatd. polymers with dimers, fatty acids, tal - (106906-26-7)				
Methyl isobutyl ketone - (108-10-1)	2,080.00,	16,000.00,		
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		
Tetraethylenepentamine - (112-57-2)	2,140.00,			
Triethylenetetramine - (112-24-3)	2,780.00,	550.00,		

( )		
( )		
( )		

/	2	.
/	2	
	1	.
(1 )	3	.
( )		

**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
Methyl isobutyl ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus
Fatty acids, C18-unsatd. polymers with dimers, fatty acids, tal - (106906-26-7)			
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
Alkyl(C12-C14)glycidyl ether - (68609-97-2)			
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Triethylenetetramine - (112-24-3)	495.00, Pimephales promelas	33.90, Daphnia magna	20.00 (72 hr), Selenastrum capricornutum
Tetraethylenepentamine - (112-57-2)	420.00, Poecilia reticulata	24.00, Daphnia magna	2.00 (72 hr), Pseudokirchneriella subcapitata

**12.2.**

가

**12.3.**

**12.4.**

**12.5.** , 가

PBT ( , ) vPvB ( , )

**12.6.**





H225

H302

H304

H315

H317

H319

H332

H335

**SDS**



Akzo Nobel

가