

KNA789D INTERGARD 787 PART B

3

10/28/14

1.

1.1. INTERGARD 787 PART B
KNA789D

1.2. 0704016 (Unknown)

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
- 4;H312
- 4;H332
/
2;H315
/
1;H318
-1 ;H335

2.2.
11 , 12



H312
H315
H318
H332
H335

[]:

P210 / / /
P261 / /가 / / /
P264
P271 가
P273
P280 / / /

[]:

P302+352 :
P303+361+353 () :
/ /
P304+312 : /
P305+351+338 가 : .가

P310 /
P321 ().
P322 ().
P340 가
P362
P363
P370 :
P378 , , ,

[]:

P403+233 가
P405 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Alkylated phenolic diamine CAS No: 0068413-28-5	50-60	/ 2AIH319 -1 ;H335 / 2;H315	[1]
xylene CAS No: 0001330-20-7	30-40	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	[1][2]
n-Butanol CAS No: 0000071-36-3	5-10	3; H226 - 4;H302 -1 ;H335	[1][2]

		/ 2;H315 / 1;H318 -1 ;H336	
	<1	---	---

- 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

7.3. Specific end use(s)

가 , 가 . 3

Hot surfaces, Sparks,

가 (60% ,)

8.

8.1. , (OEL) (ACGIH)

(ACGIH)

	ppm	mg/m ³	ppm	mg/m ³
n-Butanol			C50	C150
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)

116

32

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

0.95

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
Alkylated phenolic diamine - (68413-28-5)				
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()	4	
()	4	
/	2	
/	1	
(1)	3	
()		

12.

12.1.

1999/45/EC

가 ,

가

	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
Alkylated phenolic diamine - (68413-28-5)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 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

14.4. III

14.5.

:

IMDG :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8 .

- 0704016 (Unknown)
n-Butanol (0000071-36-3)
- 0704016 (Unknown)
Ethylbenzene (0000100-41-4)
- 0704016 (Unknown)
n-Butanol (0000071-36-3)
xylene (0001330-20-7)
- 0704016 (Unknown)
n-Butanol (0000071-36-3)
xylene (0001330-20-7)
- 0704016 (Unknown)
- 0704016 (Unknown)
- 0704016 (Unknown)
- 0704016 (Unknown)
- 0704016 (Unknown)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)
- 0704016 (Unknown)
- 0704016 (Unknown)
- 0704016 (Unknown)

16.

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:
:

3

11/18/2005

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

SDS

Section 3 Phrases

- H226
- H302
- H312
- H315
- H318
- H319
- H332
- H335
- H336
- H372

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



Akzo Nobel

가