

KNA789/T INTERGARD 787 PART B

4

10/28/14

1.

1.1. INTERGARD 787 PART B  
KNA789/T

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  
/  
1;H318  
-1 ;H335

2.2.  
11 , 12



H226  
H315  
H318

H335

[ ]:

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

[ ]:

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

P310 /  
 P312 /  
 P321 ( ).  
 P340 가  
 P362  
 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 / 2;H315 / 1;H318 -1 ;H336	[1][2]
	<1	---	---

1)  
 2) 가  
 3) PBT vPvB

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 .

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>

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 )

가

10.3.

가

10.4.

.(7 .)

10.5.

10.6.

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,

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

12.

12.1.

1999/45/EC

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

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 .

n-Butanol (0000071-36-3)

(CMR):

Ethylbenzene (0000100-41-4)

:

n-Butanol (0000071-36-3)

xylene (0001330-20-7)

:

n-Butanol (0000071-36-3)

xylene (0001330-20-7)

가 :

( )

:

( )

:

( )

:

( )

Group I:

( )

Group II:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

( )

( )

:

( )

16.

: 10/28/2014

: 4

: 06/29/2010

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