

TLA856 INTERLINE 850 PART B

1

08/31/13

1.

1.1. INTERLINE 850 PART B
TLA856

1.2.

1.3.

International Paint Singapore Pte Ltd
3 Neythal Road
Jurong Town
Singapore 628570

+65 6261 5033

+65 6264 4612

1.4.

+65 6261 5033

2.

2.1. .
3; H226
/
2;H315
/
1;H318
1;H317

2.2.

11 , 12



H226
H315
H317

H318

H402

[]:

P210 / / /

P261 / /가 / / /

P264

P272

P273

P280 / / /

[]:

P302+352 :

P303+361+353 () :

P305+351+338 가 : .가

P310 /

P321 ().

P333+313 /

P362

P363

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
Alkyl(C12-C14)glycidyl ether CAS No: 0068609-97-2	10-20	/ 2;H315 1;H317	[1]
Fatty acids, C18-unsatd. polymers with, dimers, fatty acids, tal CAS No: 0106906-26-7	10-20		[1]
n-Butanol CAS No: 0000071-36-3	10-20	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
Benzyl alcohol CAS No: 0000100-51-6	5-10	- 4;H332 - 4;H302	[1]
Diethylene triamine CAS No: 0000111-40-0	2.5-5	- 4;H312 - 4;H302 / 1B;H314 1;H317	[1][2]
2,4,6-Tris(dimethylaminomethyl)phenol CAS No: 0000090-72-2	2.5-5	- 4;H302 / 2;H319 / 2;H315	[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

(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/m ³	ppm	mg/m ³
Diethylene triamine	-	-	1	4.2
n-Butanol	50	152	-	-

(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

23

(= 1)

(,)

/

: 1.4 (n-Butanol)

: 11.3 (n-Butanol)

(Pa)

0.95

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

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
2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2)	1,200.00,	1,280.00,		
Alkyl(C12-C14)glycidyl ether - (68609-97-2)				
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Diethylene triamine - (111-40-0)	1,080.00,	1,090.00,		
Fatty acids, C18-unsatd. polymers with, dimers, fatty acids, tal - (106906-26-7)				
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
Tetraethylenepentamine - (112-57-2)	2,140.00,			
Triethylenetetramine - (112-24-3)	2,780.00,	550.00,		

()		
()		
()		
/	2	
/	1	

	1	
(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
Alkyl(C12-C14)glycidyl ether - (68609-97-2)			
Fatty acids, C18-unsatd. polymers with, dimers, fatty acids, tal - (106906-26-7)			
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
Diethylene triamine - (111-40-0)	1,014.00, Poecilia reticulata	53.50, Daphnia magna	345.60 (96 hr), Pseudokirchneriella subcapitata
2,4,6-Tris(dimethylaminomethyl) phenol - (90-72-2)			
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.

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.

None noted.

16.

SDS

H226

H302

H315

H317

H318

H319

H332

H335

H336

SDS



Akzo Nobel

가