

: 2021 - 09 - 01

MSDS : AA04815 - 0000000014

(MSDS)

1.

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: 310 ()

: 02 - 2008 - 2757

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 H226
 H319
 H331
 H350
 H360
 H373 (, ,)

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 P201
 P202
 P210 , , ,
 P233
 P240
 P241 (. .)
 P242 가
 P243
 P260 . ()
 P261 .
 P264 ()
 P271 가
 P280 . . . ()

-
 P303+P361+P353 () : /

P304+P340 : 가
 P305+P351+P338 : . 가

P308+P313 :
 P311 /
 P314 /
 P321 4
 P337+P313 :
 P370+P378 : CO2, ()

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 P403+P233 가

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5.

가. ()

- CO2

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- (flash back) .

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9.

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	300 mg/m ³
pH	6.7
/	- 61
	153
	58
	<1
(,)	
/	15.2 - 2.2 %
	3.87 mmHg
	1000 g/ (20)
	2.5
	0.95
n - /	- 0.87
	445
	3740
	0.437 cP
	73.1

10.

가. 가 가

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11.

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(1) - (2014 - 1 - 694)
 (OECD TG 414, GLP), 21 가
 (400 mg/kg/d) 가 . (NOAEL(
)=ca. 200 mg/kg bw/day, NOAEL()=ca. 200 mg/kg bw/day)
 . (1)
 . ()
 28 OECD TG 407, .
 , NOAEL=238 mg/kg bw/day nominal, LOAEL=475 mg/kg bw/day nominal
 , 90 , 가 , ,
 , 가가 , NOAEL=200 ppm, LOAEL=1000 ppm,
 : 13 :
 NOAEC=100ppm, LOAEC=200ppm / 90 : NOAEL=200ppm, LOAEL=1000ppm

12.

가.

LC50= 7100mg/L(96hr,Lepomis macrochirus)

EC50=13100mg/L(48hr,Daphnia magna)

EC50> 1000mg/L(96hr,Scenedesmus subspicatus)

logKow= -0.87

BOD=100%

0.3 - 1.2

Koc=2.4

Pimephales promelas ; MATC6momaximal acceptable toxic concentration=ca. 5 - 11 mg/L US -

EPA Recommended Bioassay Procedure for Fathead Minnow Chronic Test unpublished
 Daphnia magna : NOEC21d=1,500 mg/L reproduction, Selenastrum capricornutum ;
 NOEC14d=940 mg/L biomass other guideline: EPA - 600/9 - 78 - 018 Daphnia magna :
 NOEC28d=1,140 mg/l

13.

가.

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14.

가. (UN No.) : 2265

. : N,N - DIMETHYLFORMAMIDE

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. 가 가 :

: F - E

: S - D

- (ADR)

. Tunnel restriction code : D/E

- (IMDG)

. :

- Air transport(IATA)

. : 2265

. : N,N - DIMETHYLFORMAMIDE

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15.

U.S. Toxic Chemical Release Reporting - Community Right - to - Know

- U.S. - CERCLA/SARA - Section 313 - Emission Reporting

U.S. Toxic Substances Control Act

- Inventory - United States - Section 8(b) Inventory (TSCA), U.S. - TSCA (Toxic Substances Control Act) - Section 8(d) - 716.120(a) - Health and Safety Reporting - List of Substances

16.

가.

- ECHA

- ECHA, OECD SIDS

- IUCLID

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