

: 2004. 10. 01

	/
(HYDROGEN PEROXIDE)	(HYDROGEN DIOXIDE); (DIHYDROGEN DIOXIDE); (H <sub>2</sub> O <sub>2</sub> )(HYDROGEN PEROXIDE (H <sub>2</sub> O <sub>2</sub> )); (HYDROGEN OXIDE); UN 2015; H <sub>2</sub> O <sub>2</sub> ; OHS11190;

CAS NO	RTECS NO	UN NO	EN NO
7722 - 84 - 1	MX0900000	2015	231 - 765 - 0

1.

: (HYDROGEN PEROXIDE)

/ :

(HYDROGEN DIOXIDE); (DIHYDROGEN DIOXIDE); (H<sub>2</sub>O<sub>2</sub>)(HYDROGEN PEROXIDE (H<sub>2</sub>O<sub>2</sub>)); (HYDROGEN OXIDE); UN 2015; H<sub>2</sub>O<sub>2</sub>; OHS11190; RTECS MX0900000

:

: 1985.5.10

: 2004.10.01

2.

: (HYDROGEN PEROXIDE)

CAS : 7722 - 84 - 1

(EC) (EINECS): 231 - 765 - 0

EC : 008 - 003 - 00 - 9

(%): >99

:

MAY CONTAIN TRACES OF A STABILIZER.

3.

NFPA (0 - 4 ): =3 =0 =3

:

:



가 :  
가 : 가 : 가  
가 :  
(1/2 ). : 0.8 Km

6.  
가 : 가  
:  
:

7.  
: TPQ ( SARA  
302 )  
SARA Section 303 TPQ  
(U.S. EPA 40 CFR 355.30).  
: : U.S. OSHA 29 CFR 1910.119.

8.  
:  
(HYDROGEN PEROXIDE):  
:  
- TWA : 1ppm, 1.5mg/m<sup>3</sup>  
- STEL : -  
  
1 ppm (1.4 mg/m<sup>3</sup>) OSHA TWA  
1 ppm ACGIH TWA  
1 ppm (1.4 mg/m<sup>3</sup>) NIOSH TWA 10  
1.4 mg/m<sup>3</sup> (1 ml/m3) DFG MAK ( - I, (excursion)  
1)  
:

:  
 가  
 ( )  
 :  
 :  
 :  
 (" " )  
 (NIOSH) / (OSHA)  
 10 ppm  
 25 ppm  
 ( )  
 50 ppm  
 ( )  
 ( )  
 75 ppm  
 ( , )  
 -  
 ( )  
 ( )  
 ( )  
 ( )

**9.**  
 :  
 :  
 :  
 :  
 : 34.01  
 : H - O - O - H  
 : 302 F (150 C)  
 : 32 F (0 C)  
 : 5 mmHg at 30 C  
 :  
 ( =1): 1.4067 at 25 C  
 :  
 (pH):  
 :  
 :  
 :  
 : 1.245 cP at 20 C  
 / :

**10.**

: 141 C 가

: 가 . 가

가 가

가

: 가 , , , , , , , ,

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:

:

11.

(HYDROGEN PEROXIDE):

:

1 mg -

:

2000 mg/m3 - LC50

9200 mg/kg - LD50

75 mg/kg - LD50

: (IARC):

, 3; ACGIH: A3 -

: -

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: , , ,

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가 : , ,

:

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12.

:

: 155000 ug/L 24 LC50 ( )

: 20000 ug/L 648 LETH ( )

: 1750 ug/L 1 LETH ( )

13.

: U.S. EPA 40 CFR 262.

: D003.

14.

DOT( ) 49 CFR( ) 172.101:  
 :  
 ID : UN2015  
 : 5.1  
 : I  
 : 5.1; 8  
 U.S. DOT 49 CFR 172.101 :  
 :  
 :

15.

(HYDROGEN PEROXIDE)

:  
 - : , ,  
 - :  
 - : 6  
 :  
 CERCLA 103 (40CFR302.4):  
 SARA 302 (40CFR355.30):  
 (52% )(HYDROGEN PEROXIDE (GREATER THAN 52%)): 1000 LBS TPQ  
 SARA 304 (40CFR355.40):  
 (52% )(HYDROGEN PEROXIDE (GREATER THAN 52%)): 1000 LBS RQ  
 SARA , SARA 311/312 (40CFR370.21):  
 :  
 :  
 :  
 :  
 SARA 313 (40CFR372.65):  
 OSHA (29CFR1910.119):  
 (52% )(HYDROGEN PEROXIDE (GREATER THAN 52%)): 7500 LBS TQ  
 :  
 65 ( ):  
 :  
 (EC) :  
 O  
 C

/ :  
O  
C

(EC) :  
R 8 가  
R 34

S 1/2  
S 3  
S 28

S 36/39 /  
S 45 가  
. (가  
.).

:  
C >= 60% O; C R 8 - 34  
20% <= C < 60% C R 34  
5% <= C < 20% Xi R 36/38

가 :  
(TSCA):

TSCA 12(b) :

16.

- MSDS
- 3.
- 4.
- 8.
- 9.
- 11.
- 14.
- 15.

(MSDS)  
MDL MDL 가 MSDS  
41

MSDS 가 , ( )

(www.chems.co.kr, 02 - 551 - 0501)