

: 2004. 10. 01

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

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

1.

: (HYDROGEN PEROXIDE)

/ :

(HYDROGEN DIOXIDE); (DIHYDROGEN DIOXIDE); (H₂O₂)(HYDROGEN PEROXIDE (H₂O₂)); (HYDROGEN OXIDE); UN 2015; H₂O₂; 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

(OSHA):
(NTP):
(IARC):

4.

가

15

15

5.

가

가 :
 가 : 가 : 가
 가 :
 : 0.8 Km
 (1/2).

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/m³
 - STEL : -
 1 ppm (1.4 mg/m³) OSHA TWA
 1 ppm ACGIH TWA
 1 ppm (1.4 mg/m³) NIOSH TWA 10
 1.4 mg/m³ (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 , , , , , , , ,

:

:

:

11.

(HYDROGEN PEROXIDE):

:

1 mg -

:

2000 mg/m3 - LC50

9200 mg/kg - LD50

75 mg/kg - LD50

: (IARC):

, 3; ACGIH: A3 -

: -

:

: , , ,

:

:

:

:

가 : , ,

:

:

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)