

(Material Safety Data Sheet)

: 2004. 10. 01

	/
가 (CAUSTIC SODA)	(SODIUM HYDROXIDE); (SODA LYE); (LYE); 가 (WHITE CAUSTIC); 가 , (CAUSTIC SODA, BEAD); 가 , (CAUSTIC SODA, DRY); 가 , (CAUSTIC SODA, FLAKE); 가 , (CAUSTIC SODA, GRANULAR); 가 , (CAUSTIC SODA, SOLID); (SODIUM HYDRATE); (SODIUM HYDROXIDE (Na(OH))); , (SODIUM HYDROXIDE, FLAKE); , (SODIUM HYDROXIDE, DRY); , (SODIUM HYDROXIDE, SOLID); , , , , (SODIUM HYDROXIDE, DRY SOLID, FLAKE, BEAD, OR GRANULAR); UN 1823; NaOH; OHS21300;

CAS NO	RTECS NO	UN NO	EN NO
1310 - 73 - 2	WB4900000	1823	215 - 185 - 5

1.

: (SODIUM HYDROXIDE)

/ :

가 (CAUSTIC SODA); (SODA LYE); (LYE);

가 (WHITE CAUSTIC); 가 , (CAUSTIC SODA, BEAD); 가 ,

(CAUSTIC SODA, DRY); 가 , (CAUSTIC SODA, FLAKE); 가 ,

(CAUSTIC SODA, GRANULAR); 가 , (CAUSTIC SODA, SOLID);

(SODIUM HYDRATE); (SODIUM HYDROXIDE (Na(OH)));

, (SODIUM HYDROXIDE, FLAKE); , (SODIUM

HYDROXIDE, DRY); , (SODIUM HYDROXIDE, SOLID);

, , , , (SODIUM HYDROXIDE, DRY SOLID,

FLAKE, BEAD, OR GRANULAR); UN 1823; NaOH; OHS21300; RTECS WB4900000

:

: 1984.12.17

: 2004.10.01

2.

: (SODIUM HYDROXIDE)

CAS : 1310 - 73 - 2

(EC) (EINECS): 215 - 185 - 5

EC : 011 - 002 - 00 - 6

(%): 100

3.

NFPA (0 - 4): =3 =0 =1

(OSHA):

(NTP):

(IARC):

4.

가

5.

가

6.

가
가

7.

8.

(SODIUM HYDROXIDE):

- TWA : C2mg/m³

- STEL : -

2 mg/m³ OSHA TWA

2 mg/m³ OSHA (1993 6 30 58 FR 35338)

2 mg/m³ ACGIH

2 mg/m³ NIOSH ceiling

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:

(" ")

(NIOSH) /

(OSHA)

10 mg/m³

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(,).

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9.

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:

: 40.00

: Na - O - H

: 2534 F (1390 C)

: 604 F (318 C)

: 100 mmHg at 1111 C

:

(=1): 2.130

: 가

(pH): 14 (5%)

:

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/ :

가 :

가 : ,

: ,

10.

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 : , , . 가 가
 . 가
 : 가 , , , , , ,
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11.

(SODIUM HYDROXIDE):

:
 1 /24 - ; 500 mg/24 - ; 400
 ug - ; 1 - ; 50 ug/24 -
 ; 1 mg/24 - ; 1 mg/30 -
 ; 2 /24 -
 :
 1350 mg/kg - LD50
 104 - 340 mg/kg - LD50
 : : -
 :
 : , , ,
 :
 :
 :
 :
 가 : ,
 :

12.

:
 : 240 ug/L 96 LC50 ()
 : 330000 - 1000000 ug/L 48 LC50 ()
 : 765 ug/L 30 () , ,
 : 230 ug/L 21 ()
 () :
 : 1066 ug/L 32 BCF () 3.1 ug/L
 :

13.

14.

DOT() 49 CFR() 172.101:

ID : UN1823
: 8
: II
: 8

15.

(SODIUM HYDROXIDE)

- : ,
- :
- :
:
CERCLA 103 (40CFR302.4):
(SODIUM HYDROXIDE): 1000 LBS RQ

SARA 302 (40CFR355.30): .

SARA 304 (40CFR355.40): .

SARA , SARA 311/312 (40CFR370.21):

:
:
:
:

SARA 313 (40CFR372.65): .

OSHA (29CFR1910.119): .

:
65 (): .

:
(EC) :

C

/ :

C

(EC)

R 35

S 1/2

S 26

S 37/39

S 45

가

. (가

).

C >=5% C R 35

2% <=C <5% C R 34

0.5% <=C <2% Xi R 36/38

가

(TSCA):

TSCA 12(b)

16.

MSDS

1.

2.

3.

4.

5.

8.

9.

11.

15.

(MSDS)

MDL

MDL 가

MSDS

41

MSDS

가 , ()

(www.chems.co.kr,

02 - 551 - 0501)