

	/
- (-))(ALPHA - METHYL STYRENE)	2 - (2 - PHENYL PROPENE); (ISOPROPENYL BENZENE); 1 - - 1 - (1 - METHYL - 1 - PHENYLETHYLENE); AS - (AS - METHYLPHENYLETHYLENE); 2 - (2 - PHENYLPROPENE); - (BETA - PHENYLPROPENE); 2 - (2 - PHENYLPROPYLENE); - (BETA - PHENYLPROPYLENE); 2 - - (2 - PHENYL - PROPYLENE); (1 -) ((1 - METHYLETHENYL) BENZENE); (METHYLSTYRENE); (ISOPROPENYL BENZENE); - (ALPHA - METHYLSTYRENE); 1 - (1 - METHYL VINYL BENZENE); 1 - - 1 - (1 - PHENYL - 1 - METHYLETHYLENE); 2 - - 1 - (2 - PHENYL - 1 - PROPENE); 2 - - 2 - (2 - PHENYL - 2 - PROPENE); - (ALPHA - METHYLSTYRENE MONOMER); 1 - (1 - METHYLETHYLENE BENZENE); AMS; - (ALPHA - METHYLSTYROL); 1 - - 1 - (1 - METHYL - 1 - PHENYLETHENE); 1 - - 1 - (1 - METHYL - 1 - PHENYL ETHYLENE); 1 - (1 - METHYLETHENYL BENZINE); 2303(UN 2303); C9H10; OHS00810;

CAS NO	RTECS NO	UN NO	EN NO
98 - 83 - 9	WL5075300	2303	202 - 705 - 0

1. : - (-) (ALPHA - METHYL STYRENE) / : 2 - (2 - PHENYL PROPENE); (ISOPROPENYL BENZENE); 1 - - 1 - (1 - METHYL - 1 - PHENYLETHYLENE); AS - (AS - METHYLPHENYLETHYLENE); 2 - (2 - PHENYLPROPENE);

- (BETA - PHENYLPROPENE); 2 - (2 - PHENYLPROPYLENE);
 - (BETA - PHENYLPROPYLENE); 2 - (2 - PHENYL - PROPYLENE);
 (1 -) ((1 - METHYLETHENYL)BENZENE); (METHYLSTYRENE);
 (ISOPROPENYL BENZENE); - (ALPHA - METHYLSTYRENE);
 1 - (1 - METHYLVINYL BENZENE);
 1 - - 1 - (1 - PHENYL - 1 - METHYLETHYLENE);
 2 - - 1 - (2 - PHENYL - 1 - PROPENE); 2 - - 2 - (2 - PHENYL - 2 - PROPENE);
 - (ALPHA - METHYLSTYRENE MONOMER);
 1 - (1 - METHYLETHYLENEBENZENE); AMS;
 - (ALPHA - METHYLSTYROL);
 1 - - 1 - (1 - METHYL - 1 - PHENYLETHENE); 1 - - 1 -
 (1 - METHYL - 1 - PHENYL ETHYLENE); 1 - (1 - METHYLETHENYL
 BENZINE); 2303(UN 2303); C9H10; OHS00810; RTECS WL5075300

 : 1985.4.30
 : 2005.10.05

2.

: - (-) (ALPHA - METHYL STYRENE)
 CAS : 98 - 83 - 9
 (EC) (EINECS): 202 - 705 - 0
 EC : 601 - 027 - 00 - 6
 (%): 100.0

 :
 10 - 20 PPM tert - BUTYL CATECHOL AS POLYMERIZATION INHIBITOR

3.

NFPA (0 - 4) : =2 =2 =1

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 : , 가 . 가
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:
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 : , , , , ,
 :
 :
 : -
 (OSHA):
 (NTP):
 (IARC):

4.

: , .
 : , 15
 : 15
 : 가

5.

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

가

: 100 - 137 F (38 - 58.3)

: 0.9 - 1.9%

: 6.1 - 6.6%

: 833 - 1066 F (445 - 574.4)

(OSHA): II

6.

가

가

7.

.4

: U.S. OSHA 29 CFR 1910.106.

8.

(ALPHA - METHYL STYRENE):

- TWA : 50ppm, 240mg/m³

- STEL : 100ppm, 485mg/m³

100 ppm (480 mg/m³) OSHA

50 ppm (242 mg/m³) OSHA TWA (1993 6 30 58 FR 35338)

100 ppm (483 mg/m³) OSHA STEL (1993 6 30 58 FR 35338

)

50 ppm ACGIH TWA

100 ppm ACGIH STEL

50 ppm (240 mg/m³) NIOSH TWA 10

100 ppm (485 mg/m³) NIOSH STEL

490 mg/m³ (100 ml/m³) DFG MAK (- I, (excursion)

1)

:
 가
 ()
 :
 :
 :
 : (" ")
 (NIOSH) / (OSHA)
 500 ppm
 (, 가)
 700 ppm
 ()
 (가)
 (가)
 (가)
 ()
 ()
 -
 (가)
 ()
 ()
 ()
 ()

9.

:
 :
 :
 :
 : 118.18
 : C6 - H5 - C - (C - H3) = C - H2
 : 325 - 338 F (163 - 170)
 : - 11 to - 9 F (- 24 to - 23)
 : 1.9 - 2.175 mmHg at 20
 (=1): 4.08 - 4.1
 (=1): 0.9062 - 0.92
 : 0.9062 - 0.911 g/mL at 20
 : 116 mg/ at 25
 (pH):
 :
 : <10 ppm
 : <=1 (=1)
 : 0.837 - 0.940 cP at 20 C

/ : 3.48
가 :
가 : , , , , , , , , ,

10.

: 가
.
: , , . 가
.
: , , ,
:
:
: 가

11.

- (-) (ALPHA - METHYL STYRENE):
:
100 - ; 91 mg -
:
4900 mg/kg - LD50
4500 mg/kg - LD50
:
:
:
:
:
:
:
:
가 : ,
:
.

12.

() :
KOW: 3.48 (log = 0.543)
KOC: 46.99 (log = 1.67) (KOW 가)
: 1.52 (KOW 가)
:
.

13.

: U.S. EPA 40 CFR 262.

: D001.

14.

DOT() 49 CFR() 172.101:

ID : UN2303

: 3

: III

: 3

: - (-)(ALPHA - METHYL STYRENE)

15.

- (-)(ALPHA - METHYL STYRENE)

:

- :

- : " - "

- : 4 2

:

CERCLA 103 (40CFR302.4): .

SARA 302 (40CFR355.30): .

SARA 304 (40CFR355.40): .

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

:

:

:

:

:

SARA 313 (40CFR372.65): .

OSHA (29CFR1910.119): .

:

65 (): .

:

(EC) :

Xi

/ :

Xi

(EC) :

R 10 가 .

R 36/37 .

S 2 .

:

C > =25% Xi R 36/37

가 :

(TSCA):

TSCA 12(b) :

16.

MSDS

- 1.
- 2.
- 5.
- 7.
- 8.
- 9.
- 11.
- 14.
- 15.

(MSDS)

MDL

MDL 가

MSDS

41

MSDS

가 , ()

(www.chems.co.kr,

02 - 551 - 0501)