

	/
(METHYL METHACRYLATE)	<p>(METHYL METHYLACRYLATE); (METHACRYLIC ACID, METHYL ESTER); (METHYL METHACRYLATE MONOMER); (METHACRYLIC ACID METHYL ESTER); 2 - (METHYL 2 - METHYL ACRYLATE); 2 - - 2 - (2 - METHYL - 2 - PROPENOIC ACID METHYL ESTER); 2 - (METHYL 2 - METHYLPROPENOATE); 2 - (2 - METHYL PROPENOIC ACID, METHYL ESTER); (METHYL METHACRYLATE, INHIBITED); 2 - () - 1 - (2 - (METHOXYCARBONYL) - 1 - PROPENE); METHYL 2 - METHYL - 2 - PROPENOATE; METHYL 2 - METHYLACRYLATE; MMA; MME; RCRA U162; UN 1247; C5H8O2; OHS14630;</p>

CAS NO	RTECS NO	UN NO	EN NO
80 - 62 - 6	OZ5075000	1247	201 - 297 - 1

<p>1.</p> <p>: (METHYL METHACRYLATE)</p> <p>/ :</p> <p>(METHYL METHYLACRYLATE); (METHACRYLIC ACID, METHYL ESTER); (METHYL METHACRYLATE MONOMER); (METHACRYLIC ACID METHYL ESTER); 2 - (METHYL 2 - METHYL ACRYLATE); 2 - - 2 - (2 - METHYL - 2 - PROPENOIC ACID METHYL ESTER); 2 - (METHYL 2 - METHYLPROPENOATE); 2 - (2 - METHYL PROPENOIC ACID, METHYL ESTER);</p>

(METHYL METHACRYLATE, INHIBITED);

2 - () - 1 - (2 - (METHOXYCARBONYL) - 1 - PROPENE); METHYL
2 - METHYL - 2 - PROPENOATE; METHYL 2 - METHYLACRYLATE; MMA; MME; RCRA U162; UN
1247;
C5H8O2; OHS14630; RTECS OZ5075000

:

: 1984.12.13

: 2005.10.05

2.

: (METHYL METHACRYLATE)

CAS : 80 - 62 - 6

(EC) (EINECS): 201 - 297 - 1

EC : 607 - 035 - 00 - 6

(%): >98

:

22 - 65 PPM HYDROQUINONE OR OTHER POLYMERIZATION INHIBITOR

3.

NFPA (0 - 4): =2 =3 =2

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(OSHA):

(NTP):

(IARC):

4.

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15

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15

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5.

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:

: 0.8 Km

(1/2).

: 50 F (10) (OC)

: 1.7%

: 8.2%

: 790 F (421)

(OSHA): IB

6.

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가

가

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가

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가

가

7.

:
29 CFR 1910.106.

: U.S. OSHA

가

8.

:

(METHYL METHACRYLATE):

:

- TWA : 100ppm, 410mg/m³
- STEL : -

100 ppm (410 mg/m³) OSHA TWA

50 ppm ACGIH TWA ()

100 ppm ACGIH STEL ()

100 ppm (410 mg/m³) NIOSH TWA 10

210 mg/m³ (50 ml/m³) DFG MAK (- I, (excursion)

2) ()

:

:
 가
 ()
 :
 :
 :
 (" ")
 (NIOSH) / (OSHA)

1000 ppm
 ()
 (가)
 (가)
 (가)
 ()
 ()
 - (가)
 ()
 ()
 ()

9.
 :
 :
 :
 : 100.12
 : C - H2 - C - (C - H3) - C - O2 - C - H3
 : 212 - 214 F (100 - 101)
 : - 54 F (- 48)
 : 38.5 mmHg at 25
 (=1): 3.6
 (=1): 0.9440
 : 15 g/ at 20
 (pH):
 : 100%
 : 0.21 ppm
 : 3.1 (=1)
 : 0.53 cP at 25 C
 / : 1.38
 가 :
 가 : , ,
 :

10.

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11.

(METHYL METHACRYLATE):

10 g - ; 150 mg -
 :
 78000 mg/m³/4 - LC50
 7872 mg/kg - LD50
 8700 mg/kg - LD50
 > 5 g/kg - LD50
 4725 mg/kg - LD50
 5954 mg/kg - LD50
 20 g/m³ - LC50
 18500 mg/m³/2 - LC50
 3625 mg/kg - LD50
 : (IARC): ,
 , 3; ACGIH: A4 -

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12.

:
 : 191000 ug/L 96 LC50 ()

: 1042 mg/L 24 EC100 ()

: 37000 ug/L NR ()

13.

: U.S. EPA 40 CFR 262.

: U162.

14.

DOT() 49 CFR() 172.101:

: Methyl methacrylate monomer, stabilized

ID : UN1247

: 3

: II

: 3

15.

(METHYL METHACRYLATE)

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- :

- : "-"

- : 4 1

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CERCLA 103 (40CFR302.4):

(METHYL METHACRYLATE): 1000 LBS RQ

SARA 302 (40CFR355.30):

SARA 304 (40CFR355.40):

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

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SARA 313 (40CFR372.65):

(METHYL METHACRYLATE)

OSHA (29CFR1910.119):

:

65 ():

:

(EC) :

F
Xi

/ :

F
Xi

(EC) :

R 11
R 37/38
R 43

S 2
S 24
S 37
S 46

가 :
(TSCA):

TSCA 12(b) :

16.

MSDS

- 1.
- 5.
- 8.
- 9.
- 11.
- 15.

(MSDS)
MDL MDL 가 MSDS
41

MSDS 가 , ()

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