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**1.**

: (TUNGSTEN HEXAFLUORIDE)  
 / :  
 (WF6), (OC-6-11)-(TUNGSTEN FLUORIDE (WF6), (OC-6-11)-);  
 (OC-6-11) (WF6)((OC-6-11)TUNGSTEN FLUORIDE (WF6));  
 (WF6)(TUNGSTEN FLUORIDE (WF6)); (WOLFRAM  
 HEXAFLUORIDE); ESAB (HEXAFLUOROTUNGSTEN); (6+)  
 (TUNGSTEN(6+) FLUORIDE); (WF6)(TUNGSTEN  
 HEXAFLUORIDE (WF6)); TUNGSTEN VI FLUORIDE; TUNGSTEN FLUORIDE; UN 2196; F6W;  
 OHS24560; RTECS YO7720000

: Air Liquide Japan, LTD(ALJ)  
 : Izumi Garden Tower 10F, 1-6-1 Roppongi Minato-ku, Tokyo 106-6010, Japan

:  
 : 538 J-Tower, A 6  
 : (02) 3019-2500 FAX : (02) 525-9770  
 : ALK HSE

**2.**


: (TUNGSTEN HEXAFLUORIDE)  
 CAS : 7783-82-6  
 (EC) (EINECS): 232-029-1  
 (%): 100.0

**3.**

NFPA (0-4 ): =3 =0 =2  
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 <b>AIR LIQUIDE</b>	<b>(Material Safety Data Sheet)</b>	Doc.No.	MSDS-W-001
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(TUNGSTEN HEXAFLUORIDE):

가 (as F)(INORGANIC FLUORIDES (as F)):

2.5 mg/m3 OSHA TWA

2.5 mg/m3 ACGIH TWA

2.5 mg/m3 NIOSH TWA 10

2.5 mg/m3 DFG MAK (peak limitation category-II, 2) (inhalable dust fraction)

(as W)(TUNGSTEN AND INSOLUBLE COMPOUNDS (as W)):

5 mg/m3 OSHA TWA (1993 6 30 58 FR 35338 )

10 mg/m3 OSHA STEL (1993 6 30 58 FR 35338 )

5 mg/m3 ACGIH TWA

10 mg/m3 ACGIH STEL

5 mg/m3 NIOSH TWA 10

10 mg/m3 NIOSH STEL

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: 297.84

: F6-W

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: 64-68 F (18-20 C)

: 36-37 F (2-3 C)

: 863 mmHg @ 21 C

( =1): 10.6

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: 12.9 g/L

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(pH):

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: 0.01754 cP @ 25 C

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**11.**

(TUNGSTEN HEXAFLUORIDE):

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1430 mg/m3 - LC50

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가 : , ,  
, , , ,  
가 : . .

**12.**

**13.**

. : U.S. EPA 40 CFR 262.  
: D001. D003.


**14.**

U.S. DOT 49 CFR 172.101. -UN ; ; ; :  
:  
ID : UN2196  
U.S. DOT 49 CFR 172.101 : 2.3  
U.S. DOT 49 CFR 172.101 E : 가 ;  
  
U.S. DOT 49 CFR 172.101 :  
: 1  
: 1

**15.**

(TUNGSTEN HEXAFLUORIDE)

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- :  
- :  
- :  
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CERCLA 103 (40CFR302.4): .  
SARA 302 (40CFR355.30): .  
SARA 304 (40CFR355.40): .  
SARA , SARA 311/312 (40CFR370.21):  
:  
:  
:

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 SARA 313 (40CFR372.65):  
 OSHA (29CFR1910.119):

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 (EC) :

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(EC) :

R 8 가

R 1 4

R 2 0

R 3 4

R 6 4

S 2

S 8

S 1 3

S 2 0

S 2 4

S 2 5

S 2 6

S 3 0

S 3 6


S 3 9 /

S 4 6

가 :

(TSCA):

TSCA 12(b) :

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**16.**

/ 가

(Compatibility)

MSDS (European Directives) , 가

AIR LIQUIDE S.A. MSDS ALK