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1.


: (BORON TRICHLORIDE)
 / :
 (BORON CHLORIDE); (CHLORURE DE BORE);
 (TRICHLOROBORANE); (TRICHLOROBORON);
 (BCL3)(BORON CHLORIDE (BCL3)); , -(BORANE, TRICHLORO-); UN
 1741;
 BCL3; OHS03310; RTECS ED1925000
 : ,
 : Airliquide Japan
 : 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.

: (BORON TRICHLORIDE)
 CAS : 10294-34-5
 (EC) (EINECS): 233-658-4
 EC : 005-002-00-5
 (%): 100.0

3.

NFPA (0-4): =3 =0 =2
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 : 가 , , ,
 : 가 .
 : , , 가 .
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가

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6.

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가

: 45.7 m

(150).

7.

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. TPQ (SARA302)

SARA Section 303

TPQ

(U.S. EPA 40 CFR 355.30).

: U.S.

OSHA 29 CFR 1910.101. 52 C

:

TPQ (SARA 302)

. SARA Section 303

TPQ

(U.S. EPA 40 CFR 355.30).

8.

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(BORON TRICHLORIDE):

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 : , , , (PVC)
 : 가 가
 (가).
 (가).
 (가).
 - ()
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9.

: 가
 :
 : , 가
 :
 : 117.16
 : B-CL3
 : 54.5 F (12.5 C)
 : -161 F (-107 C)
 : 760 mmHg @ 13 C
 (=1): 4.03
 (=1): 1.349 @ 11 C
 : /
 (pH):
 :
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 / :
 가 :
 :

10.

: 가 .

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가
: 가 ,
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11.

(BORON TRICHLORIDE):

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2541 ppm/1 - LC50
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:
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12.


13.

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

14.

U.S. DOT 49 CFR 172.101. -UN ; ; ; :
:
ID : UN1741
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

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15.

(BORON TRICHLORIDE)

:
 - :
 - :
 - :
 :
 CERCLA 103 (40CFR302.4) :
 SARA 302 (40CFR355.30):
 (BORON TRICHLORIDE): 500 LBS TPQ
 SARA 304 (40CFR355.40):
 (BORON TRICHLORIDE): 500 LBS RQ
 SARA , SARA 311/312 (40CFR370.21):
 :
 :
 :
 :
 :
 SARA 313 (40CFR372.65):
 (BORON TRICHLORIDE)
 OSHA (29CFR1910.119):
 (BORON TRICHLORIDE): 2500 LBS TQ
 :
 65 ():
 :
 (EC) :
 T+
 C
 / :
 T+
 (EC) :
 R 14
 R 26/28
 R 34

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S 1/2

S 9

S 26

S 28

S 36/37/39

S 45 가

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가

(TSCA):

TSCA 12(b)

16.

/ 가

(Compatibility)

MSDS

(European Directives)

가

AIR LIQUIDE S.A.

MSDS ALK