 AIR LIQUIDE	(Material Safety Data Sheet)	Doc.No.	MSDS-A-005
		Rev.No.	0
		Date	Apr.15.2005
		(Argon, refrigerated)	

1.

- : (Argon, refrigerator liquid)
- : (Argon)
- / : (Liquid Argon), LAr, (Cryogenic Liquid Argon), Refrigerated Liquid Argon , (Argon)
- : Ar

: 가
 : 741
 : (061) 691-7401~5


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

2.

- : > 99%
- CAS : 7440-37-1
- (Exposure Limits)
- 1) OSHA : PEL-TWA (Not established)
- 2) ACGIH: TLV-TWA (Simple asphyxiant)
- 3) NIOSH : IDLH (Not established)

3.

- (Emergency overview) , ,
 가 . 19.5%
 가 . (SCBA)
- 841 가 . . .
 : 061-690-9700 (24 /365
)

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5.


- (Flash point): (Not Applicable)
- (Autoignition) : 가 (Nonflammable)
- (Flammable Limits) : 가 (Nonflammable)
- : 가 , 가
- : (None)
- : 가 , 가 , (SCBA)가
- : , ()가 , 가
- : (None).

6.

: , (,) 가 ,

7.

- (Storage) : 가 , 가 , CGA 가 8. 가 4. .)
- (Handling) : 가

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10.

- (Chemical stability) : (stable)
- : .
- (Incompatibility) : .
- (Reactivity)
 - 1) : .
 - 2) : .

11.

가 .

12.


- 1% .
- Class1 Class2 ,
- DOT() (Marine Pollutants) .

13.

- : . 가
- : , 가
- 가 .

14.

- (DOT Shipping Name) : (Argon, Refrigerated liquid)
- (Hazard Class) : 2.2 (가)
- (Identification Number) : UN1951
- (Shipping Label): 가 (Nonflammable Gas)
- : 가
- : 가 () 가 가 , () (49 CFR 173.301) . () ,

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15.

- : .
- 1) : .
- 2) : .
- 3) : .
- 4) 가 : , , , .

- : .
- 1) CERCLA (40CFR Parts 117 302): Reportable Quantity(RQ) .
- 2) SARA 302/304 (40CFR 355): .
- 3) SARA 311/312 (40 CFR 370):
: , : , : , : , : .
- 4) SARA 313 (40 CFR 372): .
- 5) TSCA(Toxic Substance Control Act) : TSCA .
- 6) OSHA (29CFR1910.119): .

16.

가

/ 가

(Compatibility)

MSDS

(European Directives)

가

AIR LIQUIDE S.A.

MSDS ALK