

LyondellBasell Industries N.V.  
 Form 4  
 December 07, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 AI INTERNATIONAL  
 CHEMICALS S.A.R.L.

2. Issuer Name and Ticker or Trading Symbol  
 LyondellBasell Industries N.V.  
 [LYB]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 15-17 AVENUE GASTON  
 DIDERICH  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/07/2012

\_\_\_ Director \_\_\_X\_\_\_ 10% Owner  
 \_\_\_ Officer (give title below) \_\_\_ Other (specify below)

LUXEMBOURG, N4 L-1420

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 \_\_\_ Form filed by One Reporting Person  
 \_\_\_X\_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Class A Ordinary Shares	12/07/2012		J <sup>(5)</sup>		16,000,000	D	\$ 0
					63,961,051 <sup>(2)</sup>	D <sup>(1)</sup>	
Class A Ordinary Shares	12/07/2012		J <sup>(5)</sup>		16,000,000	D	\$ 0
					0	D <sup>(2)</sup>	
Class A Ordinary Shares	12/07/2012		J <sup>(6)</sup>		63,961,051 <sup>(6)</sup>	D	\$ 0
					0	I <sup>(3)</sup>	By entity
Class A					16,000,000	I <sup>(4)</sup>	By

Ordinary  
Shares

subsidiary

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Transaction (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

AI INTERNATIONAL CHEMICALS S.A.R.L.  
15-17 AVENUE GASTON DIDERICH  
LUXEMBOURG, N4 L-1420

X

AI INVESTMENTS HOLDINGS LLC  
730 FIFTH AVENUE  
NEW YORK, NY 10019

X

AI SMS L.P.  
TRINITY CHAMBERS, ROAD TOWN  
TORTOLA, D8

X

AI SMS GP Ltd  
TRINITY CHAMBERS, ROAD TOWN  
TORTOLA, D8

X

## Signatures

/s/ Alejandro Moreno for AI International Chemicals Sarl and AI Investments Holdings LLC	12/07/2012
__Signature of Reporting Person	Date
/s/ Joanna Vass and Aliza Tyson for Belvaux Management Limited for AI SMS L.P. and AI SMS GP Limited	12/07/2012
__Signature of Reporting Person	Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) The securities reported are held directly by AI International Chemicals Sarl ("AIIC") and may be deemed to be held indirectly by each of the other reporting persons, because AIIC is a wholly owned subsidiary of AI Investments Holdings LLC ("AIIH"), which was, prior to the consummation of the transactions reported on this Form 4, a wholly owned subsidiary of AI SMS L.P., a partnership of which AI SMS GP Limited is the general partner. Each of the reporting persons (other than AIIC) disclaims beneficial ownership of these securities, except to the extent of its pecuniary interest therein, and this Form shall not be construed as an admission that any such reporting person is the beneficial owner of any of the securities reported on this Form.

(2) The securities reported disposed were held directly by AIIH and may be deemed to be beneficially owned by AI SMS L.P. and AI SMS GP Limited because AIIH was, prior to the consummation of the transactions reported on this Form 4, a subsidiary of AI SMS L.P., a partnership of which AI SMS GP Limited is the general partner. Direct ownership reflects change from indirect beneficial ownership exempt pursuant to Rule 16a-13. Each of the reporting persons (other than AIIH) disclaims beneficial ownership of these securities, except to the extent of its pecuniary interest therein, and this Form shall not be construed as an admission that any such reporting person is the beneficial owner of any such securities.

(3) The securities reported are held directly by AIIC which was, prior to the consummation of the transactions reported on this Form 4, an indirect subsidiary of AI SMS LP, a partnership of which AI SMS GP Limited is the general partner.

(4) The securities reported are held directly by AI European Holdings Sarl ("AIEH") and may be deemed to be beneficially owned by AI SMS L.P. and AI SMS GP Limited because AIEH is an indirect wholly owned subsidiary of AI SMS L.P., a partnership of which AI SMS GP Limited is the general partner. End of period ownership reflects change in form of beneficial ownership exempt pursuant to Rule 16a-13. Each of AIIC and AIIH disclaims beneficial ownership of these securities and this Form shall not be construed as an admission that any such reporting person is the beneficial owner of any such securities. Each of AI SMS L.P. and AI SMS GP Limited disclaims beneficial ownership of these securities, except to the extent of its pecuniary interest therein, and this Form shall not be construed as an admission that any such reporting person is the beneficial owner of any such securities.

(5) Distribution of shares to parent holding company.

(6) Distribution by AI SMS L.P. (and AI SMS GP Limited) of interests in subsidiary to parent company. The securities continue to be owned directly by AIIC and may be deemed to be held indirectly by AIIH because AIIC is a wholly owned subsidiary of AIIH.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.