

LyondellBasell Industries N.V.
 Form 4
 November 23, 2011

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 *
 Apollo Management Holdings GP, LLC

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)
 9 W. 57TH STREET, 43RD FLOOR
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/21/2011

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ Other (specify below)

NEW YORK, NY 10019

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 ____ Form filed by One Reporting Person
 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V Amount or (D) Price | | | |
| Ordinary shares | 11/21/2011 | | P | 675,000 A \$ 34.33 | 169,853,410 | I | See footnote (1) |

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

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SEC 1474 (9-02)

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

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| 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 Owned Following Reporting Transaction (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
| | | | | 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 |
| Apollo Management Holdings GP, LLC 9 W. 57TH STREET 43RD FLOOR NEW YORK, NY 10019 | | X | | |
| Apollo Management Holdings, L.P. 9 W. 57TH STREET 43RD FLOOR NEW YORK, NY 10019 | | X | | |
| Apollo Management VII, L.P. 2711 CENTERVILLE ROAD, SUITE 400 WILMINGTON, DE 19808 | | X | | |
| AIF VII Management, LLC 9 W. 57TH STREET 43RD FLOOR NEW YORK, NY 10019 | | X | | |
| Apollo Management, L.P. 2 MANHATTANVILLE ROAD SUITE 203 PURCHASE, NY 10577 | | X | | |
| Apollo Management GP, LLC TWO MANHATTANVILLE ROAD SUITE 203 PURCHASE, NY 10577 | | X | | |
| Apollo Capital Management, L.P. 9 WEST 57TH STREET NEW YORK, NY 10019 | | X | | |
| | | X | | |

Apollo Capital Management GP, LLC
9 WEST 57TH STREET
NEW YORK, NY 10019

Apollo Principal Holdings II GP, LLC
9 W. 57TH ST.
43RD FLOOR
NEW YORK, NY 10019

X

LeverageSource, L.P.
87 MARY STREET, GEORGE TOWN
GRAND CAYMAN, E9 KY1-9005

X

Signatures

[see signatures attached as Exhibit
99.2]

11/23/2011

__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) See Exhibit 99.1.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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