LyondellBasell Industries N.V. Form SC 13D January 10, 2011

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

#### **SCHEDULE 13D**

### **Under the Securities Exchange Act of 1934**

LyondellBasell Industries N.V.

(Name of Issuer)

Class A ordinary shares, par value 0.04 per share

(Title of Class of Securities)

N53745100

(CUSIP Number)

Alejandro Moreno

c/o Access Industries, Inc

730 Fifth Avenue, 20th Floor

New York, New York 10019

Tel. No.: (212) 247-6400

with copies to:

Matthew E. Kaplan

Debevoise & Plimpton LLP

919 Third Avenue

(212) 909-6000
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)
January 1, 2011
(Date of Event which Requires Filing of this Statement)

New York, New York 10022

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. o

CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 AI International Chemicals S.À.R.L. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 Luxembourg **SOLE VOTING POWER** 7 **NUMBER OF** 55,936,658 shares **SHARES** SHARED VOTING POWER BENEFICIALLY 8 **OWNED BY** 34,506,708 shares **EACH** SOLE DISPOSITIVE POWER

9

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**PERSON** 55,936,658 shares

WITH SHARED DISPOSITIVE POWER

10

34,506,708 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

12

90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

OO (Limited Liability Company)

(1) All percentages are based on an aggregate of 565,673,773 ordinary shares issued and outstanding on November 9, 2010 as reported in the Issuer s quarterly report on Form 10-Q filed on November 10, 2010.

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CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 Len Blavatnik CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 United States of America **SOLE VOTING POWER** 7 **NUMBER OF** 0 shares SHARED VOTING POWER **SHARES** BENEFICIALLY 8 **OWNED BY** 90,443,366 shares **EACH** SOLE DISPOSITIVE POWER 9

WITH SHARED DISPOSITIVE POWER

10

90,443,366 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

12

**PERSON** 

90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

IN

(1) All percentages are based on an aggregate of 565,673,773 ordinary shares issued and outstanding on November 9, 2010 as reported in the Issuer s quarterly report on Form 10-Q filed on November 10, 2010.

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CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 AI Chemical Holdings LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 Delaware **SOLE VOTING POWER** 7 **NUMBER OF** 0 shares **SHARES** SHARED VOTING POWER BENEFICIALLY 8 **OWNED BY** 90,443,366 shares **EACH** SOLE DISPOSITIVE POWER 9 **REPORTING** 

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**PERSON** 0 shares

WITH SHARED DISPOSITIVE POWER

10

90,443,366 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

12

90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

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OO (Limited Liability Company)

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CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 AI SMS L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 British Virgin Islands **SOLE VOTING POWER** 7 **NUMBER OF** 0 shares SHARED VOTING POWER **SHARES** BENEFICIALLY 8 **OWNED BY** 90,443,366 shares **EACH** SOLE DISPOSITIVE POWER 9

**PERSON** 0 shares

WITH SHARED DISPOSITIVE POWER

10

90,443,366 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

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90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

PN

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CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 AI SMS GP Limited CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 British Virgin Islands **SOLE VOTING POWER** 7 **NUMBER OF** 0 shares SHARED VOTING POWER **SHARES** BENEFICIALLY 8 **OWNED BY** 90,443,366 shares **EACH** SOLE DISPOSITIVE POWER 9 REPORTING

**PERSON** 0 shares

WITH SHARED DISPOSITIVE POWER

10

90,443,366 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

12

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

OO (Limited Liability Company)

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13D CUSIP No. N53745100 NAME OF REPORTING PERSON. 1 Access Industries, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 Delaware **SOLE VOTING POWER** 7 **NUMBER OF** 0 shares SHARED VOTING POWER **SHARES** BENEFICIALLY 8 **OWNED BY** 90,443,366 shares **EACH** SOLE DISPOSITIVE POWER 9 **REPORTING** 

**PERSON** 0 shares

WITH SHARED DISPOSITIVE POWER

10

90,443,366 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

12

90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

OO (Limited Liability Company)

(1) All percentages are based on an aggregate of 565,673,773 ordinary shares issued and outstanding on November 9, 2010 as reported in the Issuer s quarterly report on Form 10-Q filed on November 10, 2010.

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CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 Access Industries Management, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 Delaware **SOLE VOTING POWER** 7 **NUMBER OF** 0 shares **SHARES** SHARED VOTING POWER BENEFICIALLY 8 **OWNED BY** 90,443,366 shares **EACH** SOLE DISPOSITIVE POWER 9

**PERSON** 0 shares

WITH SHARED DISPOSITIVE POWER

10

90,443,366 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

12

90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

OO (Limited Liability Company)

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CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 Altep 2010 L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 Delaware **SOLE VOTING POWER** 7 **NUMBER OF** 334,010 shares SHARED VOTING POWER **SHARES** BENEFICIALLY 8 **OWNED BY** 90,109,356 shares **EACH** SOLE DISPOSITIVE POWER

9

**PERSON** 334,010 shares

WITH SHARED DISPOSITIVE POWER

10

90,109,356 shares

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

11

12

90,443,366 shares

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

PN

(1) All percentages are based on an aggregate of 565,673,773 ordinary shares issued and outstanding on November 9, 2010 as reported in the Issuer s quarterly report on Form 10-Q filed on November 10, 2010.

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CUSIP No. 13D N53745100 NAME OF REPORTING PERSON. 1 Access Industries, Inc. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 SOURCE OF FUNDS (SEE INSTRUCTIONS) 4 OO CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 5 CITIZENSHIP OR PLACE OF ORGANIZATION 6 New York **SOLE VOTING POWER** 7 **NUMBER OF** 334,010 shares SHARED VOTING POWER **SHARES** BENEFICIALLY 8 **OWNED BY** 90,109,356 shares **EACH** SOLE DISPOSITIVE POWER

9

Edgar Filing: LyondellBasell Industries N.V. - Form SC 13D **PERSON** 334,010 shares WITH SHARED DISPOSITIVE POWER 10 90,109,356 shares AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11 90,443,366 shares CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE **INSTRUCTIONS**) 12 o PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11);

13

15.99%(1)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

14

CO

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#### Item 1. Security and Issuer

This Schedule 13D relates to the Class A ordinary shares, par value 0.04 per share (the ordinary shares ), of LyondellBasell Industries N.V. (the Issuer ). The address of the principal executive officers of the Issuer is Weena 737, 3013AM Rotterdam, The Netherlands.

## Item 2. Identity and Background

The identity and background of the following persons filing this Schedule 13D (each a Reporting Person, and collectively, the Reporting Persons ) is as follows:

Name AI International Chemicals S.À.R.L.	Address of Business/Principal Office 15-17 Ave. Gaston Diderich L-1420 Luxembourg	Principal Business/Occupation Holding Issuer securities	Jurisdiction of Organization/ Citizenship Luxembourg
Len Blavatnik	c/o Access Industries, Inc. 730 Fifth Avenue New York, NY 10019	Chairman of Access Industries, Inc., the principal business of which is holding strategic investments in a variety of industries worldwide	United States of America
AI Chemical Holdings LLC	c/o Access Industries, Inc. 730 Fifth Avenue New York, NY 10019	Holding strategic investments in a variety of industries worldwide	Delaware
AI SMS L.P.	Trinity Chambers Road Town Tortola British Virgin Islands	Holding strategic investments in a variety of industries worldwide	British Virgin Islands
AI SMS GP Limited	Trinity Chambers Road Town Tortola British Virgin Islands	General partner of AI SMS L.P.	British Virgin Islands
Access Industries, LLC	c/o Access Industries, Inc. 730 Fifth Avenue New York, NY 10019	Holding strategic investments in a variety of industries worldwide	Delaware
Access Industries Management, LLC	c/o Access Industries, Inc. 730 Fifth Avenue New York, NY 10019	Manager of companies holding strategic investments in a variety of industries worldw	