

FORM 4

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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * Kaplan Jeffrey A <small>(Last) (First) (Middle)</small> 4TH FLOOR, ONE VINE STREET <small>(Street)</small> LONDON, X0 W1J 0AH <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol LyondellBasell Industries N.V. [LYB] 3. Date of Earliest Transaction (MM/DD/YYYY) 2/21/2024 4. If Amendment, Date Original Filed (MM/DD/YYYY)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) EVP and General Counsel 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Ordinary Shares	2/21/2024		F		1,586 (1)	D	\$97.38	83,418 (2)	D	
Class A Ordinary Shares	2/21/2024		F		6,321 (2)	D	\$97.38	77,097 (2)	D	
Class A Ordinary Shares	2/21/2024		A		19,868 (4)	A	\$97.38	96,965 (2)	D	
Class A Ordinary Shares	2/21/2024		A		4,030 (5)	A	\$97.38	100,995 (2)	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

- (1) Represents shares required to satisfy tax withholding obligations for dividend equivalents accrued of 4,030 shares in connection with performance-based stock units granted to the Reporting Person on February 25, 2021.
- (2) Includes 15,681 restricted stock units ("RSUs") granted pursuant to the issuer's long-term incentive plan including 4,967 granted on February 25, 2021 that vest on February 25, 2024; 5,210 granted on February 24, 2022 that vest on February 24, 2025 and 5,504 granted on February 23, 2023 that vest on February 23, 2026.
- (3) Represents shares required to satisfy tax withholding obligations in connection with the vesting of 19,868 shares of performance-based stock units granted to the Reporting Person on February 25, 2021.
- (4) Represents shares earned in connection with the performance-based stock units previously granted and unreportable on February 25, 2021 pursuant to the issuer's long-term incentive plan. Shares were earned based upon the level of attainment of certain performance objectives and continued employment. These shares fully vested on February 21, 2024 following certification by the Issuer's Compensation & Talent Development Committee.
- (5) Represents shares from the settlement of dividend equivalents that accrued on the performance-based stock units prior to vesting.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Kaplan Jeffrey A 4TH FLOOR ONE VINE STREET LONDON, X0 W1J 0AH			EVP and General Counsel	
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Signatures

/s/ Lara A. Mason, Attorney-in-Fact

2/23/2024

**Signature of Reporting Person

Date

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

* 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).

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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