SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

MAXCYTE, INC.

(Name of Issuer)

Equity

(Title of Class of Securities)

(CUSIP Number)

Jasmine Purohit
2 Savoy Court,
London, X0, WC2R 0EZ
02039088827

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

10/30/2026

(Date of Event Which Requires Filing of This Statement)

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. ☐

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSIP No.

1	Name of reporting person Liontrust Investment Partners LLP
2	Check the appropriate box if a member of a Group (See Instructions) ☐ (a) ☐ (b)
3	SEC use only

4	Source of funds (See Instructions)	
	OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)	
	☐	
6	Citizenship or place of organization	
	UNITED KINGDOM	
Number of Shares Beneficially Owned by Each Reporting Person With:	7	Sole Voting Power
		5,081,403.00
	8	Shared Voting Power
		0.00
	9	Sole Dispositive Power
		5,081,403.00
	10	Shared Dispositive Power
		0.00
11	Aggregate amount beneficially owned by each reporting person	
	5,081,403.00	
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)	
	☐	
13	Percent of class represented by amount in Row (11)	
	4.9 %	
14	Type of Reporting Person (See Instructions)	
	IV	

SCHEDULE 13D

Item 1.	Security and Issuer
(a)	Title of Class of Securities:
	Equity
(b)	Name of Issuer:
	MAXCYTE, INC.
(c)	Address of Issuer's Principal Executive Offices:
	9713 KEY WEST AVENUE,, SUITE 400, ROCKVILLE, MARYLAND , 20850.
Item 2.	Identity and Background
(a)	Liontrust Investment Partners LLP
(b)	2 Savoy Court, London, WC2R 0EZ, United Kingdom
(c)	Investment Firm 2 Savoy Court, London, WC2R 0EZ, United Kingdom
(d)	No
(e)	No
(f)	United Kingdom
Item 3.	Source and Amount of Funds or Other Consideration
	N/A
Item 4.	Purpose of Transaction
	(a) The acquisition by any person of additional securities of the issuer, or the disposition of securities of the issuer
Item 5.	Interest in Securities of the Issuer

(a) 5,081,403 4.9235%

(b) 5,081,403

(c) Trade Date BUY/SELL Trade Face Trade Price 06-Aug-2026 SELL 104321 1.10126602 01-Sep-2026 SELL 81203 1.23950150 02-Sep-2026 SELL 63958 1.25395358 03-Sep-2026 SELL 54839 1.24421552 08-Sep-2026 SELL 41034 1.26752510 09-Sep-2026 SELL 37115 1.23726948 10-Sep-2026 SELL 29095 1.19462212 11-Sep-2026 SELL 32615 1.17414454 14-Sep-2026 SELL 74036 1.14991057 07-Oct-2026 SELL 3111 1.04626808 14-Oct-2026 BUY 138139 1.26072563 14-Oct-2026 BUY 175694 1.26072563 14-Oct-2026 BUY 43113 1.26072563 30-Oct-2026 SELL 112919 1.56814936

(d) n/a

(e) 10/30/2026

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

n/a

Item 7. Material to be Filed as Exhibits.

n/a

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Liontrust Investment Partners LLP

Signature: Jasmine Purohit

Name/Title: Compliance Executive

Date: 11/02/2026