As filed with the Securities and Exchange Commission on July 29, 2026

Registration No. 333-

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

FORM S-8

REGISTRATION STATEMENT UNDER
THE SECURITIES ACT OF 1933

MGP Ingredients, Inc.
(Exact name of registrant as specified in its charter)

Kansas (State or other jurisdiction of incorporation or organization)	**45-4082531** (I.R.S. Employer Identification No.)
100 Commercial Street **Box 130** **Atchison, Kansas** (Address of Principal Executive Offices)	**66002** (Zip Code)

MGP Ingredients, Inc. Amended and Restated 2024 Equity Incentive Plan
(Full title of the plan)

Kathleen Molamphy
Chief Legal and Human Resources Officer, Secretary
100 Commercial Street, Box 130
Atchison, Kansas 66002
(Name and address of agent for service)

(913) 367-1480
(Telephone number, including area code, of agent for service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company,” and “emerging growth company” in Rule 12b-2 of the Exchange Act of 1934.

Large accelerated filer	¨	Accelerated filer	x
Non-accelerated filer	¨	Smaller reporting company	¨
		Emerging growth company	¨

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. ¨

EXPLANATORY NOTE

Pursuant to General Instruction E of Form S-8 under the Securities Act of 1933, as amended, this Registration Statement is filed to register 769,821 additional shares of the common stock, no par value (the "Common Stock"), of MGP Ingredients, Inc. (the "Registrant"), reserved for issuance under the MGP Ingredients, Inc. Amended and Restated 2024 Equity Incentive Plan (the "Restated 2024 Plan"), which amended and restated the Registrant's 2024 Equity Incentive Plan (the "2024 Plan"). The 769,821 shares of Common Stock registered on this Form S-8 are comprised of 750,000 shares of Common Stock newly reserved for issuance under the Restated 2024 Plan as approved by the stockholders of the Registrant on May 13, 2026, plus 19,821 shares of Common Stock that became available for issuance under the Restated Plan as a result of the expiration, cancellation or forfeiture of awards under the MGP Ingredients, Inc. 2014 Equity Incentive Plan

An aggregate of 1,319,320 shares of the Registrant's Common Stock was previously registered for issuance under the 2024 Plan pursuant to a Registration Statement on Form S-8 (No. 333-279679) filed with the Securities and Exchange Commission (the "Commission") on May 23, 2024. Such Registration Statement is currently effective and the contents thereof are incorporated herein by reference except to the extent that such content is superseded by the items appearing below.

PART II
INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 8. Exhibits.

Exhibit No.	Description
3.1	Amended Articles of Incorporation of MGP Ingredients, Inc. (Incorporated by reference to Exhibit 3.2 of the Registrant's Current Report on Form 8-K filed January 5, 2012).
3.2	Certificate of Amendment of Articles of Incorporation of MGP Ingredients, Inc. (Incorporated by reference to Exhibit A of the Registrant's Proxy Statement on Schedule 14A filed April 21, 2014).
3.3	Amended and Restated Bylaws of MGP Ingredients, Inc., dated December 11, 2025 (Incorporated by reference to Exhibit 3.2 of the Registrant's Current Report on Form 8-K filed December 16, 2025).
5.1*	Opinion of Stinson LLP.
10.1	MGP Ingredients, Inc. Amended and Restated 2024 Equity Incentive Plan (Incorporated by reference to Appendix A of the Registrant's Proxy Statement on Schedule 14A filed April 9, 2026).
23.1*	Consent of KPMG, LLP, Independent Registered Public Accounting Firm.
23.2*	Consent of Stinson LLP (included in Exhibit 5.1).
24.1*	Powers of Attorney (included on the Signature Page of this Registration Statement).
107*	Filing Fee Table.

* Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of St. Louis, State of Missouri, on July 29, 2026.

MGP INGREDIENTS, INC.

By: /s/ Julie M. Francis
Julie M. Francis
President and Chief Executive Officer

SIGNATURES AND POWER OF ATTORNEY

We, the undersigned officers and directors of MGP Ingredients, Inc., hereby severally constitute and appoint Julie M. Francis, Brandon M. Gall and Kathleen Molamphy, and each of them singly (with full power to each of them to act alone), our true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution in each of them for him or her and in his or her name, place and stead, and in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement (or any other registration statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) under the Securities Act of 1933), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as full to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or their or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Julie M. Francis Julie M. Francis	President, Chief Executive Officer and Director (Principal Executive Officer)	July 29, 2026
/s/ Brandon M. Gall Brandon M. Gall	Chief Financial Officer (Principal Financial and Accounting Officer)	July 29, 2026
/s/ Thomas A. Gerke Thomas A. Gerke	Director	July 29, 2026
/s/ Gerardo I. Lopez Gerardo I. Lopez	Director	July 29, 2026
/s/ Jennifer Lowry Jennifer Lowry	Director	July 29, 2026
/s/ Donn Lux Donn Lux	Director	July 29, 2026
/s/ Lori L.S. Mingus Lori L.S. Mingus	Director	July 29, 2026
/s/ Mercedes Romero Mercedes Romero	Director	July 29, 2026
/s/ Martin Roper Martin Roper	Director	July 29, 2026
/s/ Todd B. Siwak Todd B. Siwak	Director	July 29, 2026

Exhibit 5.1

STINSON

July 29, 2026

MGP Ingredients, Inc.
100 Commercial Street, Box 130
Atchison, Kansas 66002

Re: Issuance of Securities Covered by Registration Statement on Form S-8

Ladies and Gentlemen:

We have acted as counsel to MGP Ingredients, Inc., a Kansas corporation (the "Company"), in connection with the Registration Statement on Form S-8 (the "Registration Statement") filed with the Securities and Exchange Commission (the "Commission") by the Company on or about the date hereof under the Securities Act of 1933, as amended (the "Act"). The Registration Statement relates to an additional 769,821 shares (the "Shares") of the Company's common stock, no par value per share (the "Common Stock"), to be issued pursuant to the MGP Ingredients, Inc. Amended and Restated 2024 Equity Incentive Plan (the "Plan"). The Registration Statement also relates to such additional shares of Common Stock as may become issuable pursuant to the anti-dilution provisions of the Plan (collectively with the Shares, the "Securities").

In connection with this opinion, we have examined the Registration Statement and originals or copies, certified or otherwise identified to our satisfaction, of such records, agreements and instruments of the Company, certificates of public officials and of officers of the Company and such other documents and records, and such matters of law, as we have deemed necessary as a basis for the opinions hereinafter expressed, including the Company's Amended Articles of Incorporation, as amended (the "Charter"), and the Company's Amended and Restated Bylaws (the "Bylaws").

For purposes of this opinion, we have assumed the authenticity of all documents submitted to us as originals, the conformity to the originals of all documents submitted to us as copies and the authenticity of the originals of all documents submitted to us as copies. We have also assumed the genuineness of the signatures of persons signing all documents in connection with which this opinion is rendered. As to any facts material to the opinion expressed herein which we have not independently established or verified, we have relied upon the statements and representations of officers and other representatives of the Company and others. This opinion assumes that the provisions of the Charter and the Bylaws will not be amended after the date hereof. This opinion further assumes compliance both in the past and in the future with the terms of the Plan by the Company and its employees, officers, board of directors and any committee appointed to administer the Plan.

We express no opinion as to matters under or involving the laws of any jurisdiction other than the Kansas General Corporation Code (including the statutory provisions, the applicable provisions of the Kansas Constitution and reported judicial decisions interpreting the foregoing). We advise you that the issues addressed by this opinion may be governed in whole or in part by other laws, and we express no opinion as to whether any relevant difference exists between the laws upon which our opinion is based and any other laws that may actually govern.

Based upon and subject to the foregoing, and having regard for such legal considerations as we have deemed relevant, upon the issuance and sale of said Securities for the consideration and upon the terms and conditions set forth in the Plan, said Securities will be legally issued, fully paid and non-assessable. This opinion is limited to the specific issues addressed herein, and no opinion may be inferred or implied beyond that expressly stated herein.

This opinion is rendered on the date hereof and we have no continuing obligation hereunder to inform you of changes of law, including judicial interpretations of law, or of facts of which we become aware after the date hereof.

We consent to the filing of this opinion with the Commission as an exhibit to the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules of the Commission.

Very truly yours,

STINSON LLP

/s/ Stinson LLP

Exhibit 23.1

Consent of Independent Registered Public Accounting Firm

We consent to the use of our report dated February 25, 2026, with respect to the consolidated financial statements of MGP Ingredients, Inc., and the effectiveness of internal control over financial reporting, incorporated herein by reference.

/s/ KPMG LLP

Kansas City, Missouri
July 29, 2026

Calculation of Filing Fee Tables

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MGP INGREDIENTS INC

Table 1: Newly Registered Securities

	Security Type	Security Class Title	Fee Calculation Rule	Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
1	Equity	Common Stock	Other	769,821	$ 17.54	$ 13,502,660.34	0.0001381	$ 1,864.72
				Total Offering Amounts:		$ 13,502,660.34		$ 1,864.72
				Total Fee Offsets:				$ 0.00
				Net Fee Due:				$ 1,864.72

Offering Note

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1a. Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover any additional shares of common stock that become issuable under the MGP Ingredients, Inc. Amended and Restated 2024 Equity Incentive Plan (the "Plan") by reason of any stock split, stock dividend or other similar transaction effected without the receipt of consideration which results in an increase in the number of shares of outstanding common stock.
1b. Estimated solely for the purpose of calculating the registration fee in accordance with Rule 457(c) and Rule 457(h) of the Securities Act. The proposed maximum offering price per share is calculated on the basis of $17.54, the average of the high and low price of the Registrant's common stock on July 23, 2026, as reported on the Nasdaq Global Select Market, which is within five business days prior to filing this Registration Statement.

Table 2: Fee Offset Claims and Sources ☑**Not Applicable**

		Registrant or Filer Name	Form or Filing Type	File Number	Initial Filing Date	Filing Date	Fee Offset Claimed	Security Type Associated with Fee Offset Claimed	Security Title Associated with Fee Offset Claimed	Unsold Securities Associated with Fee Offset Claimed	Unsold Aggregate Offering Amount Associated with Fee Offset Claimed	Fee Paid with Fee Offset Source
Rule 457(p)												
Fee Offset Claims												
Fee Offset Sources												