



## ENVIRONMENTAL PROTECTION AGENCY

[EPA-HQ-OPPT-2025-0067; FRL-12475-02-OCSPPT]

### Certain New Chemicals; Receipt and Status Information for February 2025

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Notice of receipt and request for comment.

**SUMMARY:** This document announces the Agency's receipt of new chemical submissions under the Toxic Substances Control Act (TSCA), including information about the receipt of a Premanufacture notice (PMN), Significant New Use Notice (SNUN), Microbial Commercial Activity Notice (MCAN), and an amendment to a previously submitted notice; test information; a biotechnology exemption application; an application for a test marketing exemption (TME); and a notice of commencement of manufacture (defined by statute to include import) (NOC) for a new chemical substance. This document also provides a periodic status report on the new chemical substances that are currently under EPA review or have recently concluded review. EPA is hereby providing notice of receipt of this information, as required by TSCA, and an opportunity to comment. This document covers the period from 2/1/2025 to 2/25/2025.

**DATES:** Comments must be received on or before [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

**ADDRESSES:** Submit your comments, identified by docket identification (ID) number EPA-HQ-OPPT-2025-0067 and the specific case number provided in this document for the chemical substance related to your comment, online at <https://www.regulations.gov>. Follow the online instructions for submitting comments. Do not submit electronically any information you consider to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Additional instructions on commenting and visiting the docket, along with more information about dockets generally, is available at <https://www.epa.gov/dockets>.

**FOR FURTHER INFORMATION CONTACT:**

*For technical information:* Jim Rahai, Project Management and Operations Division (MC 7407M), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001; telephone number: (202) 564-8593; email address: rahai.jim@epa.gov.

*For general information contact:* The TSCA-Hotline, ABVI-Goodwill, 422 South Clinton Ave., Rochester, NY 14620; telephone number: (202) 554-1404; email address: TSCA-Hotline@epa.gov.

## **SUPPLEMENTARY INFORMATION:**

### **I. Executive Summary**

#### *A. Does this action apply to me?*

This action provides information that is directed to the public in general.

#### *B. What is the Agency's authority for taking this action?*

EPA is publishing this document in the *Federal Register* as required by sections 5 of the Toxic Substances Control Act (TSCA), 15 U.S.C. 2601 *et seq.*, and corresponding EPA regulations.

Under TSCA, a chemical substance may be either an “existing” chemical substance or a “new” chemical substance, see <https://www.epa.gov/chemicals-under-tsca>. Any chemical substance that is not on EPA’s TSCA Inventory of Chemical Substances (TSCA Inventory) is classified as a “new chemical substance,” while a chemical substance that is listed on the TSCA Inventory is classified as an “existing chemical substance.” See TSCA section 3(2) and (11). For more information about the TSCA Inventory, see <https://www.epa.gov/tsca-inventory>.

Any person who intends to manufacture (including import) a new chemical substance for a non-exempt commercial purpose, or to manufacture or process a chemical substance in a non-exempt manner for a use that EPA has determined is a significant new use, is required by TSCA section 5 to provide EPA with a PMN, MCAN, or SNUN, as appropriate, before initiating the activity. EPA will review the notice, make a risk determination on the new chemical substance or

significant new use, and take appropriate action as described in TSCA section 5(a)(3).

TSCA section 5(h)(1) authorizes EPA to allow persons, upon application and under appropriate restrictions, to manufacture a new chemical substance, or manufacture or process a chemical substance subject to a significant new use rule (SNUR) issued under TSCA section 5(a)(2), for “test marketing” purposes, upon a showing that the manufacture, processing, distribution in commerce, use, and disposal of the chemical substances will not present an unreasonable risk of injury to health or the environment. This is referred to as a test marketing exemption, or TME.

Premanufacture notification procedures for review of certain new microbial products of biotechnology are established in 40 CFR part 725. These pertain to MCANs and biotechnology exemptions, including TSCA experimental release applications (TERAs), TMEs for microorganisms, and Tier I and Tier II exemptions.

*C. What action is the Agency taking?*

This document provides notice of receipt and status reports for the covered period and certain submissions under TSCA section 5 and provides an opportunity to comment on this information. The Agency is providing information about the receipt of PMNs, SNUNs, MCANs, and an amendment to a previously submitted notice; test information; biotechnology exemption applications under 40 CFR part 725; TME applications; NOCs for new chemical substances; and a periodic status report on chemical substances that are currently under EPA review or have recently concluded review.

*D. What should I consider as I prepare my comments for EPA?*

1. *Submitting CBI.* Do not submit CBI to EPA through <https://www.regulations.gov> or email. If you wish to include CBI in your comment, please follow the instructions at <https://www.epa.gov/dockets/commenting-epa-dockets#rules> and clearly mark the information that you claim to be CBI. In addition to one complete version of the comment that includes CBI, a copy of the comment without CBI must be submitted for inclusion in the public docket.

Information marked as CBI will not be disclosed except in accordance with procedures set forth in 40 CFR parts 2 and 703.

2. *Tips for preparing your comments.* When preparing and submitting your comments, see the commenting tips at <https://www.epa.gov/dockets/commenting-epa-dockets>.

## **II. Background**

### *A. What information is being provided in this document?*

The tables in this document provide the following information on the TSCA section 5 submissions received by EPA during this period and determined to be complete consistent with 40 CFR 720.70(a).

- *Case number.* The EPA number assigned to the TSCA section 5 submissions. Please note that a case number may be listed more than once in the table when the submission involves a subsequent amendment.

- *Chemical substance.* Name of the chemical substance, or generic name if the specific name is claimed as CBI.

- *Manufacturer.* Name of the submitting manufacturer, to the extent that such information is not subject to a CBI claim. The term “manufacturer” is defined by statute to include importer.

- *Use(s).* Potential uses identified by the manufacturer.

- *Received.* Date received by EPA.

- *Commencement.* Date of commencement provided by the submitter in the NOC.

- *Test information.* For test information received, the type of test information submitted to EPA based on the attachment type and subtype data selected by the submitter.

### *B. What do the acronyms mean that are used in the tables?*

As used in each of the tables, the following explanations apply:

- (S) indicates that the information in the table is the specific information provided by the submitter.

- (G) indicates that the information in the table is generic information because the

specific information provided by the submitter was claimed as CBI.

*C. How can I access other information about TSCA section 5 submissions?*

EPA provides information on its website about cases reviewed under TSCA section 5, including the PMNs, SNUNs, MCANs, and exemption applications received; the date of receipt; the final EPA determination on the submission; and the effective date of EPA's determination.

See <https://www.epa.gov/reviewing-new-chemicals-under-toxic-substances-control-act-tsca/status-pre-manufacture-notice>. In addition, information EPA receives about chemical substances under TSCA, including non-CBI new chemical submissions, can be accessed in ChemView at <https://chemview.epa.gov/chemview>.

### III. Receipt Reports

Table 1 provides non-CBI information for the PMNs, SNUNs and MCANs received by EPA during this period that have passed an initial screening and determined to be complete consistent with 40 CFR 720.70(a).

**Table 1. – PMN/SNUN/MCANs Received and Under Review**

Case No.	Received Date	Manufacturer	Use(s)	Chemical Substance
J-25-0002	01/31/2025	Greenlight Biociences, Inc.	(G) To produce DNA for use in internal manufacturing	(G) Strain of Escherichia coli modified with genetically stable, plasmid-borne DNA for the production of plasmid-borne DNA
J-25-0003	02/21/2025	Greenlight Biociences, Inc.	(G) To produce an enzyme for use in internal manufacturing	(G) Strain of Escherichia coli modified with genetically stable, plasmid-borne DNA for the production of an enzyme
J-25-0003	02/26/2025	Greenlight Biociences, Inc.	(G) To produce an enzyme for use in internal manufacturing	(G) Strain of Escherichia coli modified with genetically stable, plasmid-borne DNA for the production of an enzyme
J-25-0006	01/31/2025	CBI	(G) Chemical Production	(G) Chromosomally modified Saccharomyces cerevisiae

J-25-0006	02/10/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0007	01/31/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0007	02/10/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0008	01/31/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0008	02/10/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0009	01/31/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0009	02/10/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0010	01/31/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
J-25-0010	02/10/2025	CBI	(G) Chemical Production	(G) Chromosomally modified <i>Saccharomyces cerevisiae</i>
P-22-0149	02/12/2025	Colonial Chemical, Inc.	(S) All-purpose hard surface cleaner; Low foam floor scrubber; Spray Metal Cleaning Concentrate	(S) Hexanoic acid, 3,5,5-trimethyl-, sodium salt (1:1)
P-24-0027	01/30/2025	Mikros Biochem	(S) Surfactant	(S) Fatty acids, C8-14, 2,3-diester with rel-(2R, 3S)-2,3,4-trihydroxybutyl Beta-D-mannopyranoside acetate
P-24-0082	02/12/2025	CBI	(G) Additive used in 3D printing ink formulations	(S) 2-Propenoic acid, 3-bromo-2,2-bis(bromomethyl)propyl ester
P-25-0015	02/10/2025	CBI	(G) Additive in paving applications	(G) Modified tall oil fatty acid polyamine condensate
P-25-0018	02/07/2025	CBI	(G) Paint coating	(S) Graphene platelets
P-25-0027	02/07/2025	Elemental Advanced Materials, Inc.	(S) The CNOs produced do not require any further treatment	(S) Graphene, Carbon Nano-Onions

			for its application on concrete, resins, batteries, paints, asphalt, polyurethanes, etc. Additionally, the CNOs are ready to be combined with other nanostructures to create 2nd generation Li-Ion batteries and antimicrobial materials or composites.	
P-25-0029	02/05/2025	CBI	(G) Functional additive in composite; precursor for high-value nanomaterials	(S) Graphene Oxide
P-25-0030	02/05/2025	CBI	(G) Precursor for high-value nanomaterials; Functional additive in composite.	(S) Graphene Oxide
P-25-0035	01/30/2025	W. R. Grace & Co. - Conn.	(G) Used as component in polyethylene production	(G) Transition metal, carbomonocyclic alkyl-substituted, dialkyl,
P-25-0055	02/06/2025	Motiva Enterprises, LLC	(G) Additive used in industrial and commercial applications	(G) Hydrocarbon, processed
P-25-0064	02/10/2025	CBI	(G) Contained use for microlithography for electronic device manufacturing	(G) Dibenz thiophenium, 5-phenyl-, salt with fluoroheterosubstitutedalkyl heterosubstitutedhalosubstitutedaromatichydrocarboncarboxylate (1:1), polymer with 3-ethenylphenol and alkyl cycloalkyl 2-methyl-2-propenoate
P-25-0066	02/14/2025	CBI	(G) An ingredient used	(G) Sulfonium, bis (dihalo carbomonocycle)

			in the manufacture of photoresist	carbomonocycle-, salt with dihalo-sulfoalkyl [(alkenylcarbomonocycle) substituted] trisubstituted benzoate, polymer with alkenylcarbomonocycle and alkylcarbomonocycle alkyl alkenoate
P-25-0067	02/14/2025	CBI	(G) An ingredient used in the manufacture of photoresist	(G) Sulfonium, bis (dihalo carbomonocycle) carbomonocycle-, salt with trihalobenzoate.
SN-23-0024	01/30/2025	CBI	(G) Component in batteries	(S) Phosphoric acid, iron (2+) lithium salt (1:1:1)
SN-25-0006	02/06/2025	CBI	(S) Substance for use in the manufacture of battery cathodes	(S) Phosphoric acid, iron (2+) lithium salt (1:1:1)

Table 2 provides non-CBI information on the NOCs received by EPA during this period that have passed an initial screening and determined to be complete:

**Table 2. – NOCs Received and Under Review**

Case No.	Received Date	Commencement Date	Chemical Substance
P-19-0150	02/04/2025	01/22/2025	(G) Iron, complexes with ethylenediamine-4-hydroxycarbomonocycle hetero-acid-2-oxoacetic acid reaction products, sodium salts
P-20-0101	02/03/2025	01/10/2025	(G) Alkanoic acid, hydroxy-(hydroxyalkyl)-alkyl-, polymer with alpha-[(hydroxyalkyl)alkyl]-omega-alkoxypoly(oxyalkanediyl), (haloalkyl)oxiane polymer (alkylalkylidene)bis[hydroxycarbomonocycle] alkenoate and isocyanatealkyl-carbomonocycle, hydroxyalkyl acrylate-blocked
P-21-0215	02/07/2025	02/05/2025	(S) Pyridinium, 3-carboxy-1-methyl-, inner salt
P-22-0095	02/19/2025	10/14/2024	(G) Glycolipids, sophorose-contg., yeast-fermented, from glycerides and carbohydrates
P-22-0116	02/26/2025	02/25/2025	(G) Carbopolycycle octa-alkene, alkenylaryloxy-
P-22-0151	02/19/2025	02/19/2025	(G) Glycolipids, sophorose-contg., yeast-fermented, from glycerides and

			carbohydrates
P-23-0015	02/19/2025	01/24/2025	(G) Amines, polyalkylenepoly, (disubstitutedcarboxy) derivs., alkali metal salts
P-23-0173	02/10/2025	01/22/2025	(G) Cellulose, alkoxyalkyl ether, alkali metal salt
P-24-0036	02/11/2025	02/04/2025	(G) Poly(oxy-alkylene), -alkenyl--hydroxy-

Table 3 provides non-CBI information on the test information that has been received by EPA during this time period:

**Table 3. – Test Information Received and Determined to be Complete**

Case No.	Received Date	Type of Test Information	Chemical Substance
P-18-0413	02/07/2025	Acute Earthworm OECD 207; Chronic Earthworm study OECD 222; Reproductive study OECD 443; Range finding study	(G) Haloalkyl alkanooate

#### IV. Status Reports

Information about the TSCA section 5 PMNs, SNUNs, MCANs, and exemption applications received, including the date of receipt, the status of EPA’s review, the final EPA determination, and the effective date of EPA’s determination, is available online at:

*<https://www.epa.gov/reviewing-new-chemicals-under-toxic-substances-control-act-tsca/status-pre-manufacture-notice>.*

**Authority:** 15 U.S.C. 2601 *et seq.*

**Dated:** May 1, 2025.

**Mary Elissa Reaves,**

*Director, Office of Pollution Prevention and Toxics.*

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