

PRE-PUBLICATION NOTICE

On August 30, 2019, Tala Henry, the Deputy Office Director for Pollution Prevention and Toxics at the EPA, signed the following document:

Action: Proposed rule.
Title: Significant New Use Rules on Certain Chemical Substances (19-5.B)
FRL #: 9999-27
Docket ID #: EPA-HQ-OPPT-2019-0495

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ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 721

[EPA-HQ-OPPT-2019-0495; FRL-9999-27]

RIN 2070-AB27

Significant New Use Rules on Certain Chemical Substances (19-5.B)

AGENCY: Environmental Protection Agency (EPA).

ACTION: Proposed rule.

SUMMARY: EPA is proposing significant new use rules (SNURs) under the Toxic Substances Control Act (TSCA) for 6 chemical substances which are the subject of premanufacture notices (PMNs). This action would require persons to notify EPA at least 90 days before commencing manufacture (defined by statute to include import) or processing of any of these 6 chemical substances for an activity that is designated as a significant new use by this proposed rule. This action would further require that persons not commence manufacture or processing for the significant new use until they have submitted a Significant New Use Notice, and EPA has conducted a review of the notice, made an appropriate determination on the notice under TSCA 5(a)(3), and has taken any risk management actions as are required as a result of that determination.

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-2019-0495, by one of the following methods:

- *Federal eRulemaking Portal:* <http://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.

- *Mail:* Document Control Office (7407M), Office of Pollution Prevention and Toxics (OPPT), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001.

- *Hand Delivery:* To make special arrangements for hand delivery or delivery of boxed information, please follow the instructions at <http://www.epa.gov/dockets/contacts.html>.

Additional instructions on commenting or visiting the docket, along with more information about dockets generally, is available at <http://www.epa.gov/dockets>.

FOR FURTHER INFORMATION CONTACT: *For technical information contact:* Kenneth Moss, Chemical Control Division (7405M), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001; telephone number: (202) 564-9232; email address: moss.kenneth@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. General Information

A. Does this Action Apply to Me?

You may be potentially affected by this action if you manufacture (including import), process, or use the chemical substances contained in this proposed rule. The following list of North American Industrial Classification System (NAICS) codes is not intended to be

exhaustive, but rather provides a guide to help readers determine whether this document applies to them. Potentially affected entities may include:

- Manufacturers (including importers) or processors of one or more subject chemical substances (NAICS codes 325 and 324110), e.g., chemical manufacturing and petroleum refineries.

This action may also affect certain entities through pre-existing import certification and export notification rules under TSCA. Chemical importers are subject to the TSCA section 13 (15 U.S.C. 2612) import certification requirements promulgated at 19 CFR 12.118 through 12.127 and 19 CFR 127.28. Chemical importers must certify that the shipment of the chemical substance complies with all applicable rules and orders under TSCA. Importers of chemicals subject to these proposed SNURs would need to certify their compliance with the SNUR requirements should these proposed rules be finalized. The EPA policy in support of import certification appears at 40 CFR part 707, subpart B. In addition, pursuant to 40 CFR 721.20, any persons who export or intend to export a chemical substance that is the subject of this proposed rule on or after *[insert date 30 days after date of publication in the **Federal Register**]* are subject to the export notification provisions of TSCA section 12(b) (15 U.S.C. 2611(b)) and must comply with the export notification requirements in 40 CFR part 707, subpart D.

B. What Should I Consider as I Prepare My Comments for EPA?

1. *Submitting CBI.* Do not submit CBI to EPA through regulations.gov or email. Clearly mark the part or all of the information that you claim to be CBI. For CBI information in a disk or CD-ROM that you mail to EPA, mark the outside of the disk or CD-ROM as CBI and then identify electronically within the disk or CD-ROM the specific information that is claimed as CBI. In addition to one complete version of the comment that includes information claimed as

CBI, a copy of the comment that does not contain the information claimed as CBI must be submitted for inclusion in the public docket. Information so marked will not be disclosed except in accordance with procedures set forth in 40 CFR part 2.

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

II. Background

A. What Action is the Agency Taking?

EPA is proposing these SNURs under TSCA section 5(a)(2) for 6 chemical substances which were the subjects of PMNs P-17-324, P-18-109, P-18-276, P-18-358, P-18-384, and P-19-24. These proposed SNURs would require persons who intend to manufacture or process any of these chemical substances for an activity that is designated as a significant new use to notify EPA at least 90 days before commencing that activity.

The record for the proposed SNURs on these chemicals was established as docket EPA-HQ-OPPT-2019-0495. That record includes information considered by the Agency in developing these proposed SNURs.

B. What is the Agency's Authority for Taking this Action?

TSCA section 5(a)(2) (15 U.S.C. 2604(a)(2)) authorizes EPA to determine that a use of a chemical substance is a “significant new use.” EPA must make this determination by rule after considering all relevant factors, including the four TSCA section 5(a)(2) factors listed in Unit III. Once EPA determines through rulemaking that a use of a chemical substance is a significant new use, TSCA section 5(a)(1)(B)(i) (15 U.S.C. 2604(a)(1)(B)(i)) requires persons to submit a significant new use notice (SNUN) to EPA at least 90 days before they manufacture or process the chemical substance for that use. TSCA prohibits such manufacturing or processing from

commencing until EPA has conducted a review of the SNUN, made an appropriate determination on the SNUN, and taken such actions as are required in association with that determination (15 U.S.C. 2604(a)(1)(B)(ii)). In the case of a determination other than not likely to present unreasonable risk, the applicable review period must also expire before manufacturing or processing for the new use may commence. As described in Unit V., the general SNUR provisions are found at 40 CFR part 721, subpart A.

C. Applicability of General Provisions

General provisions for SNURs appear in 40 CFR part 721, subpart A. These provisions describe persons subject to the rule, recordkeeping requirements, exemptions to reporting requirements, and applicability of the rule to uses occurring before the effective date of the rule. Provisions relating to user fees appear at 40 CFR part 700. Pursuant to § 721.1(c), persons subject to these SNURs must comply with the same SNUN requirements and EPA regulatory procedures as submitters of PMNs under TSCA section 5(a)(1)(A) (15 U.S.C. 2604(a)(1)(A)). In particular, these requirements include the information submission requirements of TSCA sections 5(b) and 5(d)(1) (15 U.S.C. 2604(b) and 2604(d)(1)), the exemptions authorized by TSCA sections 5(h)(1), 5(h)(2), 5(h)(3), and 5(h)(5) and the regulations at 40 CFR part 720. Once EPA receives a SNUN, EPA must either determine that the use is not likely to present an unreasonable risk of injury under the conditions of use for the chemical substance or take such regulatory action as is associated with an alternative determination before the manufacture or processing for the significant new use can commence. If EPA determines that the use is not likely to present an unreasonable risk, EPA is required under TSCA section 5(g) to make public, and submit for publication in the **Federal Register**, a statement of EPA's findings.

III. Significant New Use Determination

TSCA section 5(a)(2) states that EPA's determination that a use of a chemical substance is a significant new use must be made after consideration of all relevant factors, including:

- The projected volume of manufacturing and processing of a chemical substance.
- The extent to which a use changes the type or form of exposure of human beings or the environment to a chemical substance.
- The extent to which a use increases the magnitude and duration of exposure of human beings or the environment to a chemical substance.
- The reasonably anticipated manner and methods of manufacturing, processing, distribution in commerce, and disposal of a chemical substance.

In determining what would constitute a significant new use for the chemical substances that are the subject of these SNURs, EPA considered relevant information about the toxicity of the chemical substances, and potential human exposures and environmental releases that may be associated with the conditions of use of the substances, in the context of the four bulleted TSCA section 5(a)(2) factors listed in this unit. During its review of these chemicals, EPA identified certain conditions of use that are not intended by the submitters, but reasonably foreseen to occur. EPA is proposing to designate those reasonably foreseen conditions of use as significant new uses.

IV. Substances Subject to This Proposed Rule

EPA is proposing significant new use and recordkeeping requirements for 6 chemical substances in 40 CFR part 721, subpart E. In this unit, EPA provides the following information for each chemical substance:

- PMN number.
- Chemical name (generic name, if the specific name is claimed as CBI).

- Chemical Abstracts Service (CAS) Registry number (if assigned for non-confidential chemical identities).

- Basis for the SNUR.

- Information identified by EPA that would help characterize the potential health and/or environmental effects of the chemical substances if a manufacturer or processor is considering submitting a SNUN for a significant new use designated by the SNUR.

This information may include testing not required to be conducted but which would help characterize the potential health and/or environmental effects of the PMN substance. Any recommendation for information identified by EPA was made based on EPA's consideration of available screening-level data, if any, as well as other available information on appropriate testing for the chemical substance. Further, any such testing identified by EPA that includes testing on vertebrates was made after consideration of available toxicity information, computational toxicology and bioinformatics, and high-throughput screening methods and their prediction models. EPA also recognizes that whether testing/further information is needed will depend on the specific exposure and use scenario in the SNUN. EPA encourages all SNUN submitters to contact EPA to discuss any potential future testing. See Unit VII. for more information.

- CFR citation assigned in the regulatory text section of these proposed rules.

The regulatory text section of these proposed rules specifies the activities designated as significant new uses. Certain new uses, including production volume limits and other uses designated in the proposed rules, may be claimed as CBI.

The chemical substances that are the subject of these proposed SNURs are undergoing premanufacture review. In addition to those conditions of use intended by the submitter, EPA

has identified certain other reasonably foreseen conditions of use. EPA has preliminarily determined that the chemicals under their intended conditions of use are not likely to present an unreasonable risk. However, EPA has not assessed risks associated with the reasonably foreseen conditions of use for these chemicals. EPA is proposing to designate these reasonably foreseen and other potential conditions of use as significant new uses. As a result, those conditions of use are no longer reasonably foreseen to occur without first going through a separate, subsequent EPA review and determination process associated with a SNUN.

The substances subject to these proposed rules are as follows:

PMN Number: P-17-324.

Chemical name: 2,4-Hexadien-1-ol, 1-acetate, (2E,4E)-

CAS number: 57006-69-6.

Basis for action: The PMN states that the use of the substance will be as a chemical intermediate. Based on the physical/chemical properties of the PMN substance and Structure Activity Relationships (SAR) analysis of test data on analogous substances, EPA has identified concerns for skin sensitization, specific target organ toxicity, skin and eye irritation, neurotoxicity, and aquatic toxicity if the chemical substance is used in ways other than as intended by the PMN submitter. Other conditions of use of the PMN substance that EPA intends to assess before they occur include the following:

1. Use other than as a chemical intermediate; and
2. Release of the PMN substance from manufacturing, processing, or use into the waters of the United States resulting in surface water concentrations that exceed 5 ppb.

The proposed SNUR would designate as a “significant new use” these conditions of use.

Potentially useful information: EPA has determined that certain information may be potentially

useful to characterize the health and environmental effects of the PMN substance if a manufacturer or processor is considering submitting a SNUN for a significant new use that would be designated by this proposed SNUR. EPA has determined that the results of specific target organ toxicity, skin and eye irritation, skin sensitization, and aquatic toxicity testing would help characterize the potential health and environmental effects of the PMN substance.

CFR citation: 40 CFR 721.11375.

PMN Number: P-18-109.

Chemical name: 2-alkenoic acid, 2-alkyl-, alkyl ester, polymer with 2-(dialkylamino)alkyl 2-alkyl-2-alkenoate, alkyl 2-alkyl-2-alkenoate and a-(2-alkyl-1-oxo-2-alken-1-yl)-o-alkoxypoly(oxy-1,2-alkanediyl), [(1-alkoxy-2-alkyl-1-alken-1-yl)oxy]trialkylsilane-initiated (generic).

CAS number: Not available.

Basis for action: The PMN states that the generic (non-confidential) use of the substance will be as an additive, open, non-dispersive use. Based on the physical/chemical properties of the PMN substance and SAR analysis of test data on analogous substances, EPA has identified concerns for lung toxicity and aquatic toxicity if the chemical substance is used in ways other than as intended by the PMN submitter. Other conditions of use of the PMN substance that EPA intends to assess before they occur include the following:

1. No manufacturing, processing, or use of the PMN substance in a manner that results in inhalation exposures; and
2. Release of the PMN substance from manufacturing, processing, or use into the waters of the United States resulting in surface water concentrations that exceed 14 ppb.

The proposed SNUR would designate as a “significant new use” these conditions of use.

Potentially useful information: EPA has determined that certain information may be potentially useful to characterize the health and environmental effects of the PMN substance if a manufacturer or processor is considering submitting a SNUN for a significant new use that would be designated by this proposed SNUR. EPA has determined that the results of specific target organ toxicity, pulmonary effects and aquatic toxicity testing would help characterize the potential health and environmental effects of the PMN substance.

CFR citation: 40 CFR 721.11376.

PMN Number: P-18-276.

Chemical name: Benzenesulfonamide, N-[2-[[[(phenylamino)carbonyl]amino]phenyl]-.

CAS number: 215917-77-4.

Basis for action: The PMN states that the use of the substance will be as a developer for thermal paper. Based on the physical/chemical properties of the PMN substance and SAR analysis of test data on analogous substances, EPA has identified concerns for systemic toxicity and immunotoxicity if the chemical substance is used in ways other than as intended by the PMN submitter. Other conditions of use of the PMN substance that EPA intends to assess before they occur include the following:

- Use other than as a developer for thermal paper.

The proposed SNUR would designate as a “significant new use” this condition of use.

Potentially useful information: EPA has determined that certain information may be potentially useful to characterize the health effects of the PMN substance if a manufacturer or processor is considering submitting a SNUN for a significant new use that would be designated by this proposed SNUR. EPA has determined that the results of specific target organ toxicity testing would help characterize the potential health effects of the PMN substance.

CFR citation: 40 CFR 721.11377.

PMN Number: P-18-358.

Chemical name: 1H-Imidazole-1-propanenitrile,2-ethyl-ar-methyl-.

CAS number: 568591-00-4.

Basis for action: The PMN states that the use of the substance will be as a curing agent a) within carbon fiber reinforced plastics prepreg and b) in industrial adhesives for electronics, both to expedite the harding process during the final thermosetting operation. Based on the physical/chemical properties of the PMN substance, test data on the PMN substance, and SAR analysis of test data on analogous substances, EPA has identified concerns for eye irritation, and liver, thyroid, and developmental toxicity if the chemical substance is used in ways other than as intended by the PMN submitter. Other conditions of use of the PMN substance that EPA intends to assess before they occur include the following:

1. Use of the PMN substance for other than the uses described in the PMN; and
2. Use involving an application method that generates a vapor, mist or aerosol.

The proposed SNUR would designate as a “significant new use” these conditions of use.

Potentially useful information: EPA has determined that certain information may be potentially useful to characterize the health effects of the PMN substance if a manufacturer or processor is considering submitting a SNUN for a significant new use that would be designated by this proposed SNUR. EPA has determined that the results of eye irritation, developmental toxicity and specific target organ toxicity testing would help characterize the potential health effects of the PMN substance.

CFR citation: 40 CFR 721.11378.

PMN Number: P-18-384.

Chemical name: Lithium, isotope of mass 6

CAS number: 14258-72-1.

Basis for action: The PMN states that the use of the substance will be as a starting material for manufacture of 6-Lithium chloride scintillation crystals for use in radiation detection. Based on the physical/chemical properties of the PMN substance and SAR analysis of test data on analogous substances, EPA has identified concerns for corrosion and acute handling hazard, neurotoxicity, kidney, developmental and thyroid toxicity, and aquatic toxicity if the chemical substance is used in ways other than as intended by the PMN submitter. Other conditions of use of the PMN substance that EPA intends to assess before they occur include the following:

1. Use other than as a starting material for manufacture of 6-Lithium chloride scintillation crystals for use in radiation detection; and
2. Release of the PMN substance from manufacturing, processing, or use into the waters of the United States resulting in surface water concentrations that exceed 8.5 ppb.

The proposed SNUR would designate as a “significant new use” this condition of use.

Potentially useful information: EPA has determined that certain information about workplace exposure to and aquatic toxicity of the PMN substance may be potentially useful if a manufacturer or processor is considering submitting a SNUN for a significant new use that would be designated by this proposed SNUR. EPA has determined that the results of workplace air monitoring and aquatic toxicity testing would help characterize the potential health and environmental effects of the PMN substance.

CFR citation: 40 CFR 721.11379.

PMN Number: P-19-24.

Chemical name: Silsesquioxanes, 3-(dimethyloctadecylammonio)propyl Me Pr, polymers with

silicic acid (H₄SiO₄) tetra-Et ester, (2-hydroxyethoxy)- and methoxy-terminated, chlorides.

CAS number: 2231249-14-0.

Basis for action: The PMN states that the use of the substance will be as an asphalt additive or asphalt emulsion additive. Based on the physical/chemical properties of the PMN substance and SAR analysis of test data on analogous substances, EPA has identified concerns for skin and eye irritation, kidney toxicity, lung toxicity, and aquatic toxicity if the chemical substance is used in ways other than as intended by the PMN submitter. Other conditions of use of the PMN substance that EPA intends to assess before they occur include the following:

1. Use other than as an asphalt additive or asphalt emulsion additive;
2. Use as an asphalt additive in a manner that results in inhalation exposure to respirable particles or droplets containing the PMN substance; and
3. Release of the PMN substance from manufacturing, processing, or use into the waters of the United States resulting in surface water concentrations that exceed 8 ppb.

The proposed SNUR would designate as a “significant new use” this condition of use.

Potentially useful information: EPA has determined that certain information may be potentially useful to characterize the health and environmental effects of the PMN substance if a manufacturer or processor is considering submitting a SNUN for a significant new use that would be designated by this proposed SNUR. EPA has determined that the results of irritation, specific target organ toxicity, pulmonary effects, and aquatic toxicity testing would help characterize the potential health and environmental effects of the PMN substance.

CFR citation: 40 CFR 721.11380.

V. Rationale and Objectives of the Proposed Rule

A. Rationale

During review of the PMNs submitted for the chemical substances that are the subject of these proposed SNURs and as further discussed in Unit IV, EPA identified certain other reasonably foreseen conditions of use, in addition to those conditions of use intended by the submitter. EPA has preliminarily determined that the chemical under the intended conditions of use is not likely to present an unreasonable risk. However, EPA has not assessed risks associated with the reasonably foreseen conditions of use. EPA is proposing to designate these conditions of use as significant new uses to ensure that they are no longer reasonably foreseen to occur without first going through a separate, subsequent EPA review and determination process associated with a SNUN.

B. Objectives

EPA is proposing SNURs for 6 specific chemical substances which are undergoing premanufacture review because the Agency wants to achieve the following objectives with regard to the significant new uses that would be designated in this proposed rule:

- EPA would have an opportunity to review and evaluate data submitted in a SNUN before the notice submitter begins manufacturing or processing a listed chemical substance for the described significant new use.
- EPA would be obligated to make a determination under TSCA section 5(a)(3) regarding the use described in the SNUN, under the conditions of use. The Agency will either determine under TSCA section 5(a)(3)(C) that the significant new use is not likely to present an unreasonable risk, including an unreasonable risk to a potentially exposed or susceptible subpopulation identified as relevant by the Administrator under the conditions of use, or make a determination under TSCA section 5(a)(3) (A) or (B) and take the required regulatory action associated with the determination, before manufacture or processing for the significant new use

of the chemical substance can occur.

- EPA would be able to complete its review and determination on each of the PMN substances, while deferring analysis on the significant new uses proposed in these rules unless and until the Agency receives a SNUN.

Issuance of a proposed SNUR for a chemical substance does not signify that the chemical substance is listed on the TSCA Inventory. Guidance on how to determine if a chemical substance is on the TSCA Inventory is available on the Internet at <https://www.epa.gov/tscainventory>.

VI. Applicability of the Proposed Rules to Uses Occurring Before the Effective Date of the Final Rule

To establish a significant new use, EPA must determine that the use is not ongoing. The chemical substances subject to this proposed rule were undergoing premanufacture review at the time of signature of this proposed rule and were not on the TSCA Inventory. In cases where EPA has not received a notice of commencement (NOC) and the chemical substance has not been added to the TSCA Inventory, no person may commence such activities without first submitting a PMN. Therefore, for the chemical substances subject to these proposed SNURs, EPA concludes that the proposed significant new uses are not ongoing.

EPA designates September 4, 2019 (the date of web posting) as the cutoff date for determining whether the new use is ongoing. The objective of EPA's approach is to ensure that a person cannot defeat a SNUR by initiating a significant new use before the effective date of the final rule.

Persons who begin commercial manufacture or processing of the chemical substances for a significant new use identified on or after that date would have to cease any such activity upon

the effective date of the final rule. To resume their activities, these persons would have to first comply with all applicable SNUR notification requirements and EPA would have to take action under TSCA section 5 allowing manufacture or processing to proceed. In developing this proposed rule, EPA has recognized that, given EPA's general practice of posting proposed rules on its website a week or more in advance of **Federal Register** publication, this objective could be thwarted even before **Federal Register** publication of the proposed rule.

VII. Development and Submission of Information

EPA recognizes that TSCA section 5 does not require development of any particular new information (e.g., generating test data) before submission of a SNUN. There is an exception: If a person is required to submit information for a chemical substance pursuant to a rule, order or consent agreement under TSCA section 4 (15 U.S.C. 2603), then TSCA section 5(b)(1)(A) (15 U.S.C. 2604(b)(1)(A)) requires such information to be submitted to EPA at the time of submission of the SNUN.

In the absence of a rule, order, or consent agreement under TSCA section 4 covering the chemical substance, persons are required only to submit information in their possession or control and to describe any other information known to or reasonably ascertainable by them (see 40 CFR 720.50). However, upon review of PMNs and SNUNs, the Agency has the authority to require appropriate testing. Unit IV. lists potentially useful information for all SNURs listed here. Descriptions are provided for informational purposes. The potentially useful information identified in Unit IV. will be useful to EPA's evaluation in the event that someone submits a SNUN for the significant new use. Companies who are considering submitting a SNUN are encouraged, but not required, to develop the information on the substance, which may assist with EPA's analysis of the SNUN.

EPA strongly encourages persons, before performing any testing, to consult with the Agency pertaining to protocol selection. Furthermore, pursuant to TSCA section 4(h), which pertains to reduction of testing in vertebrate animals, EPA encourages consultation with the Agency on the use of alternative test methods and strategies (also called New Approach Methodologies, or NAMs), if available, to generate the recommended test data. EPA encourages dialog with Agency representatives to help determine how best the submitter can meet both the data needs and the objective of TSCA section 4(h).

The potentially useful information described in Unit IV. may not be the only means of providing information to evaluate the chemical substance associated with the significant new uses. However, submitting a SNUN without any test data may increase the likelihood that EPA will take action under TSCA section 5(e) or 5(f). EPA recommends that potential SNUN submitters contact EPA early enough so that they will be able to conduct the appropriate tests.

SNUN submitters should be aware that EPA will be better able to evaluate SNUNs which provide detailed information on the following:

- Human exposure and environmental release that may result from the significant new use of the chemical substances.

VIII. SNUN Submissions

According to 40 CFR 721.1(c), persons submitting a SNUN must comply with the same notification requirements and EPA regulatory procedures as persons submitting a PMN, including submission of test data on health and environmental effects as described in 40 CFR 720.50. SNUNs must be submitted on EPA Form No. 7710-25, generated using e-PMN software, and submitted to the Agency in accordance with the procedures set forth in 40 CFR 720.40 and 721.25. E-PMN software is available electronically at <https://www.epa.gov/reviewing-new->

chemicals-under-toxic-substances-control-act-tsca.

IX. Economic Analysis

EPA has evaluated the potential costs of establishing SNUN requirements for potential manufacturers and processors of the chemical substances subject to this proposed rule. EPA's complete economic analysis is available in the docket under docket ID number EPA-HQ-OPPT-2019-0263.

X. Statutory and Executive Order Reviews

Additional information about these statutes and Executive Orders can be found at <https://www.epa.gov/laws-regulations-and-executive-orders>.

A. Executive Order 12866: Regulatory Planning and Review and Executive Order 13563: Improving Regulations and Regulatory Review

This proposed rule would establish SNURs for 6 new chemical substances that were the subject of PMNs. The Office of Management and Budget (OMB) has exempted these types of actions from review under Executive Order 12866 (58 FR 51735, October 4, 1993) and 13563 (76 FR 3821, January 21, 2011).

B. Paperwork Reduction Act (PRA)

According to the PRA, 44 U.S.C. 3501 *et seq.*, an Agency may not conduct or sponsor, and a person is not required to respond to a collection of information that requires OMB approval under PRA, unless it has been approved by OMB and displays a currently valid OMB control number. The OMB control numbers for EPA's regulations in title 40 of the CFR, after appearing in the Federal Register, are listed in 40 CFR part 9, and included on the related collection instrument or form, if applicable.

The information collection requirements related to this action have already been

approved by OMB pursuant to PRA under OMB control number 2070-0012 (EPA ICR No. 574). This action does not impose any burden requiring additional OMB approval. If an entity were to submit a SNUN to the Agency, the annual burden is estimated to average between 30 and 170 hours per response. This burden estimate includes the time needed to review instructions, search existing data sources, gather and maintain the data needed, and complete, review, and submit the required SNUN.

Send any comments about the accuracy of the burden estimate, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques, to the Director, Regulatory Support Division, Office of Mission Support (2822T), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001. Please remember to include the OMB control number in any correspondence, but do not submit any completed forms to this address.

C. Regulatory Flexibility Act (RFA)

Pursuant to RFA section 605(b) (5 U.S.C. 601 *et seq.*), the Agency hereby certifies that promulgation of this proposed SNUR would not have a significant adverse economic impact on a substantial number of small entities. The requirement to submit a SNUN applies to any person (including small or large entities) who intends to engage in any activity described in the final rule as a “significant new use.” Because these uses are “new,” based on all information currently available to EPA, it appears that no small or large entities presently engage in such activities. A SNUR requires that any person who intends to engage in such activity in the future must first notify EPA by submitting a SNUN. Although some small entities may decide to pursue a significant new use in the future, EPA cannot presently determine how many, if any, there may be. However, EPA’s experience to date is that, in response to the promulgation of SNURs

covering over 1,000 chemicals, the Agency receives only a small number of notices per year. For example, the number of SNUNs received was seven in Federal fiscal year (FY) 2013, 13 in FY2014, six in FY2015, 12 in FY2016, 13 in FY2017, and 11 in FY2018, only a fraction of these were from small businesses. In addition, the Agency currently offers relief to qualifying small businesses by reducing the SNUN submission fee from \$16,000 to \$2,800. This lower fee reduces the total reporting and recordkeeping of cost of submitting a SNUN to about \$10,116 for qualifying small firms. Therefore, the potential economic impacts of complying with this proposed SNUR are not expected to be significant or adversely impact a substantial number of small entities. In a SNUR that published in the **Federal Register** of June 2, 1997 (62 FR 29684) (FRL-5597-1), the Agency presented its general determination that final SNURs are not expected to have a significant economic impact on a substantial number of small entities, which was provided to the Chief Counsel for Advocacy of the Small Business Administration.

D. Unfunded Mandates Reform Act (UMRA)

Based on EPA's experience with proposing and finalizing SNURs, State, local, and Tribal governments have not been impacted by these rulemakings, and EPA does not have any reasons to believe that any State, local, or Tribal government will be impacted by this proposed rule. As such, EPA has determined that this proposed rule does not impose any enforceable duty, contain any unfunded mandate, or otherwise have any effect on small governments subject to the requirements of UMRA sections 202, 203, 204, or 205 (2 U.S.C. 1531-1538 *et seq.*).

E. Executive Order 13132: Federalism

This action would not have a substantial direct effect on States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government, as specified in Executive Order 13132

(64 FR 43255, August 10, 1999).

F. Executive Order 13175: Consultation and Coordination with Indian Tribal Governments

This proposed rule would not have Tribal implications because it is not expected to have substantial direct effects on Indian Tribes. This proposed rule would not significantly nor uniquely affect the communities of Indian Tribal governments, nor does it involve or impose any requirements that affect Indian Tribes. Accordingly, the requirements of Executive Order 13175 (65 FR 67249, November 9, 2000), do not apply to this proposed rule.

G. Executive Order 13045: Protection of Children from Environmental Health and Safety Risks

This action is not subject to Executive Order 13045 (62 FR 19885, April 23, 1997), because this is not an economically significant regulatory action as defined by Executive Order 12866, and this action does not address environmental health or safety risks disproportionately affecting children.

H. Executive Order 13211: Actions Concerning Regulations That Significantly Affect Energy Supply, Distribution, or Use

This proposed rule is not subject to Executive Order 13211 (66 FR 28355, May 22, 2001), because this action is not expected to affect energy supply, distribution, or use and because this action is not a significant regulatory action under Executive Order 12866.

I. National Technology Transfer and Advancement Act (NTTAA)

In addition, since this action does not involve any technical standards, NTTAA section 12(d), 15 U.S.C. 272 note, does not apply to this action.

J. Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations

This action does not entail special considerations of environmental justice related issues

as delineated by Executive Order 12898 (59 FR 7629, February 16, 1994).

List of Subjects

40 CFR Part 721

Environmental protection, Chemicals, Hazardous substances, Reporting and recordkeeping requirements.

Dated: August 30, 2019.

Tala Henry,

Deputy Director, Office of Pollution Prevention and Toxics.

Therefore, it is proposed that 40 CFR part 721 be amended as follows:

PART 721--[AMENDED]

1. The authority citation for part 721 continues to read as follows:

Authority: 15 U.S.C. 2604, 2607, and 2625(c).

2. Add §§ 721.11375 through 721.11380 to subpart E to read as follows:

Subpart E – Significant New Uses for Specific Chemical Substances

Sec.

§ 721.11375 2,4-Hexadien-1-ol, 1-acetate, (2E,4E)-.

§ 721.11376 2-Alkenoic acid, 2-alkyl-, alkyl ester, polymer with 2-(dialkylamino)alkyl 2-alkyl-2-alkenoate, alkyl 2-alkyl-2-alkenoate and a-(2-alkyl-1-oxo-2-alken-1-yl)-o-alkoxypoly(oxy-1,2-alkanediyl), [(1-alkoxy-2-alkyl-1-alken-1-yl)oxy]trialkylsilane-initiated (generic).

§ 721.11377 Benzenesulfonamide, N-[2-[[[(phenylamino)carbonyl]amino]phenyl]-.

§ 721.11378 1H-Imidazole-1-propanenitrile, 2-ethyl-ar-methyl-.

§ 721.11379 Lithium, isotope of mass 6.

§ 721.11380 Silsesquioxanes, 3-(dimethyloctadecylammonio)propyl Me Pr, polymers with silicic acid (H₄SiO₄) tetra-Et ester, (2-hydroxyethoxy)- and methoxy-terminated, chlorides.

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Subpart E – Significant New Uses for Specific Chemical Substances

* * *

§ 721.11375 2,4-Hexadien-1-ol, 1-acetate, (2E,4E)-.

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as 2,4-hexadien-1-ol, 1-acetate, (2E,4E)- (P-17-324, CASRN 57006-69-6) is

subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, Commercial, and consumer activities.* Requirements as specified in § 721.80(g).

(ii) *Release to water.* Requirements as specified in § 721.90 (a)(4), (b)(4), and (c)(4) where N = 5.

(b) *Specific requirements.* The provisions of subpart A of this part apply to this section except as modified by this paragraph (b).

(1) *Recordkeeping.* Recordkeeping requirements as specified in § 721.125(a) through (c), and (i) are applicable to manufacturers, importers, and processors of this substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of § 721.185 apply to this section.

§ 721.11376 2-Alkenoic acid, 2-alkyl-, alkyl ester, polymer with 2-(dialkylamino)alkyl 2-alkyl-2-alkenoate, alkyl 2-alkyl-2-alkenoate and a-(2-alkyl-1-oxo-2-alken-1-yl)-o-alkoxypoly(oxy-1,2-alkanediyl), [(1-alkoxy-2-alkyl-1-alken-1-yl)oxy]trialkylsilane-initiated (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance generically identified as 2-alkenoic acid, 2-alkyl-, alkyl ester, polymer with 2-(dialkylamino)alkyl 2-alkyl-2-alkenoate, alkyl 2-alkyl-2-alkenoate and a-(2-alkyl-1-oxo-2-alken-1-yl)-o-alkoxypoly(oxy-1,2-alkanediyl), [(1-alkoxy-2-alkyl-1-alken-1-yl)oxy]trialkylsilane-initiated (PMN P-18-109) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, Commercial, and consumer activities.* It is a significant new use to manufacture, process, or use the chemical substance in a manner that results in inhalation exposure.

(ii) *Release to water.* Requirements as specified in § 721.90 (a)(4), (b)(4), and (c)(4) where N = 14.

(b) *Specific requirements.* The provisions of subpart A of this part apply to this section except as modified by this paragraph (b).

(1) *Recordkeeping.* Recordkeeping requirements as specified in § 721.125(a) through (c), and (i) are applicable to manufacturers, importers, and processors of this substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of § 721.185 apply to this section.

§ 721.11377 Benzenesulfonamide, N-[2-[[[(phenylamino)carbonyl]amino]phenyl]-

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as benzenesulfonamide, N-[2-[[[(phenylamino)carbonyl]amino]phenyl]- (P-18-276, CASRN 215917-77-4) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, Commercial, and consumer activities.* It is a significant new use to use the chemical substance for other than as a developer for thermal paper.

(ii) [Reserved].

(b) *Specific requirements.* The provisions of subpart A of this part apply to this section except as modified by this paragraph (b).

(1) *Recordkeeping*. Recordkeeping requirements as specified in § 721.125(a) through (c), and (i) are applicable to manufacturers, importers, and processors of this substance.

(2) *Limitations or revocation of certain notification requirements*. The provisions of § 721.185 apply to this section.

§ 721.11378 1H-Imidazole-1-propanenitrile,2-ethyl-ar-methyl-.

(a) *Chemical substance and significant new uses subject to reporting*. (1) The chemical substance identified as 1H-imidazole-1-propanenitrile,2-ethyl-ar-methyl- (P-18-358, CASRN 568591-00-4) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, Commercial, and consumer activities*. Requirements as specified in § 721.80 (y)(1). It is a significant new use to use the chemical substance for other than as a curing agent within carbon fiber reinforced plastics prepreg or a curing agent in industrial adhesives for electronics.

(ii) [Reserved].

(b) *Specific requirements*. The provisions of subpart A of this part apply to this section except as modified by this paragraph (b).

(1) *Recordkeeping*. Recordkeeping requirements as specified in § 721.125(a) through (c), and (i) are applicable to manufacturers, importers, and processors of this substance.

(2) *Limitations or revocation of certain notification requirements*. The provisions of § 721.185 apply to this section.

§ 721.11379 Lithium, isotope of mass 6.

(a) *Chemical substance and significant new uses subject to reporting*. (1) The chemical

substance identified as lithium, isotope of mass 6 (P-18-384, CASRN 14258-72-1) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, Commercial, and consumer activities.* It is a significant new use to use the chemical substance for other than as a starting material for manufacture of 6-Lithium chloride scintillation crystals for use in radiation detection, including the engineering controls described in the PMN.

(ii) *Release to water.* Requirements as specified in § 721.90 (a)(4), (b)(4), and (c)(4) where $N = 8.5$.

(b) *Specific requirements.* The provisions of subpart A of this part apply to this section except as modified by this paragraph (b).

(1) *Recordkeeping.* Recordkeeping requirements as specified in § 721.125(a) through (c), and (i) are applicable to manufacturers, importers, and processors of this substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of § 721.185 apply to this section.

§ 721.11380 Silsesquioxanes, 3-(dimethyloctadecylammonio)propyl Me Pr, polymers with silicic acid (H₄SiO₄) tetra-Et ester, (2-hydroxyethoxy)- and methoxy-terminated, chlorides.

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as silsesquioxanes, 3-(dimethyloctadecylammonio)propyl Me Pr, polymers with silicic acid (H₄SiO₄) tetra-Et ester, (2-hydroxyethoxy)- and methoxy-terminated, chlorides. (P-19-24, CASRN 2231249-14-0) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, Commercial, and consumer activities.* It is a significant new use to use the substance for other than as an asphalt additive or asphalt emulsion additive. It is a significant new use to use the chemical substance as an asphalt additive in a manner that results in inhalation exposure to respirable particles or droplets containing the chemical substance.

(ii) *Release to water.* Requirements as specified in § 721.90 (a)(4), (b)(4), and (c)(4) where $N = 8$.

(b) *Specific requirements.* The provisions of subpart A of this part apply to this section except as modified by this paragraph (b).

(1) *Recordkeeping.* Recordkeeping requirements as specified in § 721.125(a) through (c), and (i) are applicable to manufacturers, importers, and processors of this substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of § 721.185 apply to this section.

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