



BILLING CODE 6560-50-P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 9 and 721

[EPA-HQ-OPPT-2018-0627; FRL-10001-30]

RIN 2070-AB27

Significant New Use Rules on Certain Chemical Substances (18-1)

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: EPA is issuing significant new use rules (SNURs) under the Toxic Substances Control Act (TSCA) for 22 chemical substances which are the subject of premanufacture notices (PMNs). The chemical substances are subject to Orders issued by EPA under TSCA. This action requires persons who intend to manufacture (defined by statute to include import) or process any of these chemical substances for an activity that is designated as a significant new use by this rule to notify EPA at least 90 days before commencing that activity. Persons may not commence manufacture or processing for the significant new use until EPA has conducted a review of the notice, made an appropriate determination on the notice, and has taken such actions as are required by that determination.

DATES: This rule is effective on [INSERT DATE 60 DAYS AFTER DATE OF PUBLICATION IN THE **FEDERAL REGISTER**]. For purposes of judicial review, this rule shall be promulgated at 1 p.m. (EST) on [INSERT DATE 14 DAYS AFTER DATE OF PUBLICATION IN THE **FEDERAL REGISTER**].

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, process, or use the chemical substances contained in this 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 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 SNURs must certify compliance with the SNUR requirements. The EPA policy in support of import certification appears at 40 CFR part 707, subpart B. In addition, any persons who export or intend to export a chemical substance that is the subject of this 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)) (see 40 CFR 721.20), and must comply with the export notification requirements in 40 CFR part 707, subpart D.

B. What Action is the Agency Taking?

EPA is finalizing these SNURs under TSCA section 5(a)(2) for 22 substances which were the subject of PMNs. These SNURs 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. EPA is not finalizing four proposed SNURs at 40 CFR 721.11150, 721.11163, 721.11164, and 721.11165 for the chemical substances P-14-627, P-17-200, P-17-204, and P-17-205, respectively, because the Agency is currently reviewing data submitted in support of a request to modify the underlying TSCA 5(e) Orders that forms the basis for the proposed SNURs.

In the **Federal Register** of October 3, 2018 (83 FR 49903) (FRL-9983-81), EPA proposed a SNUR for 26 chemical substances in 40 CFR part 721, subpart E. This comment period closed on November 2, 2018. More information on the specific chemical substances subject to this final rule can be found in the **Federal Register** documents for the direct final SNUR of October 3, 2018 (83 FR 49806) (FRL-9983-82). This direct final SNUR was withdrawn on December 4, 2018 (83 FR 62463) (FRL-9986-74) due to adverse public comments related to SNURs identified in the document.

The record for the batch SNUR was established in the docket under docket ID number EPA-HQ-OPPT-2018-0627. That docket includes information considered by the Agency in developing the proposed and final rules, public comments submitted for the rule, and EPA's

responses to public comments received on the proposed rule.

C. 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 II.

D. 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. According to 40 CFR 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). These requirements include the information submission requirements of TSCA section 5(b) and 5(d)(1), the exemptions authorized by TSCA section 5(h)(1), (h)(2), (h)(3), and (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. 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. 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.

II. Significant New Use Determination

When the Agency issues an Order under TSCA section 5(e), TSCA section 5(f)(4) requires that the Agency consider whether to promulgate a SNUR for any use not conforming to the restrictions of the Order or publish a statement describing the reasons for not initiating the rulemaking. 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, likely human exposures and environmental releases associated with possible uses, and the four TSCA section 5(a)(2) factors listed in this unit.

III. Public Comments on Proposed Rule and EPA Responses

EPA received public comments from three identifying entities on the proposed rule. The Agency's responses are described in a separate Response to Public Comments document contained in the public docket for this rule, EPA-HQ-OPPT-2018-0627. In addition, EPA is not finalizing the proposed SNURs for the substances described in P-14-627, P-17-200, P-17-204,

and P-17-205 (40 CFR 721.11150, 721.11163, 721.11164, and 721.11165, respectively) because the Agency is currently reviewing data submitted in support of a request to modify the underlying TSCA 5(e) Orders that form the basis for the proposed SNURs. EPA will finalize those proposed SNURs after the data has been reviewed and any changes to the Orders and/or SNUR have been considered and identified.

Furthermore, the Response to Comments describes comments and responses that resulted in changes to the SNURs for P-17-24 and P-17-25. The regulatory text of the SNURs at 40 CFR 721.11159 and 40 CFR 721.11160 have been revised to include that dust inhalation exposure is a significant new use and to specify a significant new use as commercial use when saleable goods or service could introduce the PMN substances into a consumer setting.

IV. Substances Subject to this Rule

EPA is establishing significant new use and recordkeeping requirements for 22 chemical substances in 40 CFR part 721, subpart E. In Unit IV. of the original direct final rule (83 FR 49806, October 3, 2018), 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 TSCA section 5(e) Order.
- Potentially Useful Information. This is information identified by EPA that would help characterize the potential health and/or environmental effects of the chemical substance in support of a request by the PMN submitter to modify the Order, or if a manufacturer or processor is considering submitting a SNUN for a significant new use designated by the SNUR.

- CFR citation assigned in the regulatory text section of this rule.

The regulatory text section of each rule specifies the activities designated as significant new uses. Certain new uses, including exceedance of production volume limits (i.e., limits on manufacture volume) and other uses designated in this rule, may be claimed as CBI. Unit VII discusses a procedure companies may use to ascertain whether a proposed use constitutes a significant new use.

These final rules include 22 PMN substances that are subject to Orders under TSCA section 5(e)(1)(A)(ii)(I) where EPA determined that activities associated with the PMN substances may present unreasonable risk to human health or the environment. Those Orders require protective measures to limit exposures or otherwise mitigate the potential unreasonable risk. The SNURs identify as significant new uses any manufacturing, processing, use, distribution in commerce, or disposal that does not conform to the restrictions imposed by the underlying Orders, consistent with TSCA section 5(f)(4).

V. Rationale and Objectives of the Rule

A. Rationale

During review of the PMNs submitted for the chemical substances that are subject to these SNURs, EPA concluded that regulation was warranted under TSCA section 5(e), pending the development of information sufficient to make reasoned evaluations of the health or environmental effects of the chemical substances. The basis for such findings is outlined in Unit IV of the October 3, 2018 direct final rule. Based on these findings, TSCA section 5(e) Orders requiring the use of appropriate exposure controls were negotiated with the PMN submitters. As a general matter, EPA believes it is necessary to follow TSCA section 5(e) Orders with a SNUR that identifies the absence of those protective measures as Significant New Uses to ensure that all

manufacturers and processors – not just the original submitter – are held to the same standard.

B. Objectives

EPA is issuing these SNURs because the Agency wants:

- To identify as significant new uses any manufacturing, processing, use, distribution in commerce, or disposal that does not conform to the restrictions imposed by the underlying Orders, consistent with TSCA section 5(f)(4).

- To receive notice of any person's intent to manufacture or process a listed chemical substance for the described significant new use before that activity begins.

- To 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.

- To be able to either determine that the prospective manufacture or processing is not likely to present an unreasonable risk, or to take necessary regulatory action associated with any other determination, before the described significant new use of the chemical substance occurs.

Issuance of a SNUR for a chemical substance does not signify that the chemical substance is listed on the TSCA Chemical Substance Inventory (TSCA Inventory). Guidance on how to determine if a chemical substance is on the TSCA Inventory is available on the Internet at <http://www.epa.gov/opptintr/existingchemicals/pubs/tscainventory/index.html>.

VI. Applicability of the Significant New Use Designation

To establish a significant new use, EPA must determine that the use is not ongoing. The chemical substances subject to this rule have undergone premanufacture review. 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 chemical substances for which an NOC has not been submitted, EPA concludes that the designated significant new uses are not ongoing.

When chemical substances identified in this rule are added to the TSCA Inventory, EPA recognizes that, before the rule is effective, other persons might engage in a use that has been identified as a significant new use. However, TSCA section 5(e) Orders have been issued for all the chemical substances, and the PMN submitters are prohibited by the TSCA section 5(e) Orders from undertaking activities which will be designated as significant new uses. The identities of 14 of the 22 chemical substances subject to this rule have been claimed as confidential. Based on this, the Agency believes that it is highly unlikely that any of the significant new uses described in the regulatory text of this rule are ongoing.

Furthermore, EPA designated October 3, 2018 (the date of public release of the original direct final and proposed rules) as the cutoff date for determining whether the new use is ongoing. The objective of EPA's approach has been to ensure that a person could not defeat a SNUR by initiating a significant new use before the effective date of the final rule.

In the unlikely event that a person began commercial manufacture or processing of the chemical substances for a significant new use identified as of October 3, 2018, that person will have to cease any such activity upon the effective date of the final rule. To resume their activities, these persons will have to first comply with all applicable SNUR notification requirements and wait until EPA has conducted a review of the notice, made an appropriate determination on the notice, and has taken such actions as are required with that determination.

VII. Development and Submission of Information

EPA recognizes that TSCA section 5 does not require developing 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 (see 40 CFR 720.50). However, upon review of PMNs and SNUNs, the Agency has the authority to require appropriate testing under 40 CFR part 721, subpart E. In Unit IV. of the original direct final rule (October 3, 2018; 83 FR 49806), the EPA lists potentially useful information that will be useful to EPA's evaluation. Companies who are considering submitting a SNUN are encouraged, but not required, to develop the information on the substance. EPA strongly encourages persons, before performing any testing, to consult with the Agency. Furthermore, pursuant to TSCA section 4(h), which pertains to reduction of testing on 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).

In some of the TSCA section 5(e) Orders for the chemical substances regulated under this rule, EPA has established production volume limits. These limits cannot be exceeded unless the PMN submitter submits the results of specified tests. The SNURs contain the same production volume limits as the TSCA section 5(e) Orders. Exceeding these production limits is defined as a significant new use. Persons who intend to exceed the production limit must notify the Agency

by submitting a SNUN at least 90 days in advance of commencement of non-exempt commercial manufacture or processing.

Any request by EPA for the triggered and pended testing described in the Orders 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 PMN substances. Further, any such testing request on the part of 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.

The potentially useful information identified in Unit IV. of the original direct final rule may not be the only means of addressing the potential risks of the chemical substance. However, submitting a SNUN without any test data or other information 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 provide detailed information on the following:

- Human exposure and environmental release that may result from the significant new use of the chemical substances.
- Information on risks posed by the chemical substances compared to risks posed by potential substitutes.

VIII. Procedural Determinations

By this rule, EPA is establishing certain significant new uses which have been claimed as CBI subject to Agency confidentiality regulations at 40 CFR part 2 and 40 CFR part 720, subpart E. Absent a final determination or other disposition of the confidentiality claim under 40 CFR part 2 procedures, EPA is required to keep this information confidential. EPA promulgated a

procedure to deal with the situation where a specific significant new use is CBI, at 40 CFR 721.1725(b)(1).

Under these procedures a manufacturer or processor may request EPA to determine whether a proposed use would be a significant new use under the rule. The manufacturer or processor must show that it has a *bona fide* intent to manufacture or process the chemical substance and must identify the specific use for which it intends to manufacture or process the chemical substance. If EPA concludes that the person has shown a *bona fide* intent to manufacture or process the chemical substance, EPA will tell the person whether the use identified in the *bona fide* submission would be a significant new use under the rule. Since most of the chemical identities of the chemical substances subject to these SNURs are also CBI, manufacturers and processors can combine the *bona fide* submission under the procedure in 40 CFR 721.1725(b)(1) with that under 40 CFR 721.11 into a single step.

If EPA determines that the use identified in the *bona fide* submission would not be a significant new use, i.e., the use does not meet the criteria specified in the rule for a significant new use, that person can manufacture or process the chemical substance so long as the significant new use trigger is not met. In the case of a production volume trigger, this means that the aggregate annual production volume does not exceed that identified in the *bona fide* submission to EPA. Because of confidentiality concerns, EPA does not typically disclose the actual production volume that constitutes the use trigger. Thus, if the person later intends to exceed that volume, a new *bona fide* submission would be necessary to determine whether that higher volume would be a significant new use.

IX. 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 <http://www.epa.gov/opptintr/newchems>.

X. Economic Analysis

EPA has evaluated the potential costs of establishing SNUN requirements for potential manufacturers and processors of the chemical substances subject to this rule. EPA's complete economic analysis is available in the docket under docket ID number EPA-HQ-OPPT-2018-0627.

XI. 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 action establishes SNURs for several new chemical substances that were the subject of PMNs and TSCA section 5(e) Orders. The Office of Management and Budget (OMB) has exempted these types of actions from review under Executive Orders 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 the 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. EPA is amending the table in 40 CFR part 9 to list the OMB approval number for the information collection requirements contained in this action. This listing of the OMB control numbers and their subsequent codification in the CFR satisfies the display requirements of PRA and OMB's implementing regulations at 5 CFR part 1320. This Information Collection Request (ICR) was previously subject to public notice and comment prior to OMB approval, and given the technical nature of the table, EPA finds that further notice and comment to amend it is unnecessary. As a result, EPA finds that there is "good cause" under section 553(b)(3)(B) of the Administrative Procedure Act (5 U.S.C. 553(b)(3)(B)) to amend this table without further notice and comment.

The information collection activities in this action have already been approved by OMB pursuant to the 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 using 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 SNUR will 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. 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, 10 in FY2016, 14 in FY2017, and 18 in FY2018 and 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 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 action. As such, EPA has determined that this action 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. 1501 *et seq.*).

E. Executive Order 13132: Federalism

This action will 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 action does not have Tribal implications because it is not expected to have substantial direct effects on Indian Tribes. This action does 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 action.

G. Executive Order 13045: Protection of Children from Environmental Health Risks 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 action 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).

XII. Congressional Review Act (CRA)

Pursuant to the CRA (5 U.S.C. 801 *et seq.*), EPA will submit a report containing this rule and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the United States prior to publication of the rule in the **Federal Register**.

This action is not a “major rule” as defined by 5 U.S.C. 804(2).

List of Subjects

40 CFR Part 9

Environmental protection, Reporting and recordkeeping requirements.

40 CFR Part 721

Environmental protection, Chemicals, Hazardous substances, Reporting and

recordkeeping requirements.

Dated: November 7, 2019.

Tala Henry,

Deputy Director, Office of Pollution Prevention and Toxics.

Therefore, 40 CFR parts 9 and 721 are amended as follows:

PART 9--[AMENDED]

1. The authority citation for part 9 continues to read as follows:

Authority: 7 U.S.C. 135 et seq., 136-136y; 15 U.S.C. 2001, 2003, 2005, 2006, 2601-2671; 21 U.S.C. 331j, 346a, 348; 31 U.S.C. 9701; 33 U.S.C. 1251 et seq., 1311, 1313d, 1314, 1318, 1321, 1326, 1330, 1342, 1344, 1345 (d) and (e), 1361; E.O. 11735, 38 FR 21243, 3 CFR, 1971-1975 Comp. p. 973; 42 U.S.C. 241, 242b, 243, 246, 300f, 300g, 300g-1, 300g-2, 300g-3, 300g-4, 300g-5, 300g-6, 300j-1, 300j-2, 300j-3, 300j-4, 300j-9, 1857 et seq., 6901-6992k, 7401-7671q, 7542, 9601-9657, 11023, 11048.

2. In § 9.1, add §§ 721.11149, 721.11151 through 721.11162, and 721.11166 through 721.11172 in numerical order under the undesignated center heading “Significant New Uses of Chemical Substances” to read as follows:

§ 9.1 OMB approvals under the Paperwork Reduction Act.

* * * * *

40 CFR citation				OMB control No.		
*	*	*	*	*	*	*
Significant New Uses of Chemical Substances						
*	*	*	*	*	*	*
721.11149				2070-0012		
721.11151				2070-0012		
721.11152				2070-0012		
721.11153				2070-0012		
721.11154				2070-0012		
721.11155				2070-0012		
721.11156				2070-0012		
721.11157				2070-0012		
721.11158				2070-0012		
721.11159				2070-0012		
721.11160				2070-0012		
721.11161				2070-0012		
721.11162				2070-0012		
721.11166				2070-0012		

721.11167	2070-0012
721.11168	2070-0012
721.11169	2070-0012
721.11170	2070-0012
721.11171	2070-0012
721.11172	2070-0012
* * * * *	* * *

* * * * *

PART 721--[AMENDED]

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

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

4. Add §§ 721.11149 through 721.11172 to subpart E to read as follows:

Subpart E—Significant New Uses for Specific Chemical Substances

* * * * *

Sec.

721.11149 Carbon nanomaterial (generic).

721.11150 [Reserved]

721.11151 2-Butanone 1,1,1,3,4,4,4-heptafluoro-3-(trifluoromethyl)-.

721.11152 Propanenitrile, 2,3,3,3 tetrafluoro-2-(trifluoromethyl)-.

721.11153 Polymeric sulfide (generic).

721.11154 Quaternary ammonium salts (generic).

721.11155 Alkyl methacrylates, polymer with olefins (generic).

721.11156 Hexanedioic acid, 1,6-bis(3,5,5-trimethylhexyl) ester.

721.11157 Alkylaminium hydroxide (generic).

721.11158 Polyamine polyacid adducts (generic).

721.11159 Aromatic isocyanate, polymer with alkyloxirane polymer with oxirane ether

with alkyldiol (2:1) and alkyloxirane polymer with oxirane ether with alkyltriol (3:1) (generic).

721.11160 Aromatic isocyanate polymer with alkyloxirane, alkyloxirane polymer with oxirane ether with alkanetriol and oxirane (generic).

721.11161 Oils, hedychium flavescens.

721.11162 Siloxanes and silicones, cetyl Me, di-Me, Me 2-(triethoxysilyl)ethyl.

721.11163 - 721.11165 [Reserved]

721.11166 1H-Benz[de] isoquinoline-1,3(2H)-dione-2-(alkyl)-(alkylamino) (generic).

721.11167 Siloxanes and Silicones, di-Me, hydrogen-terminated, reaction products with acrylic acid and 2-ethyl-2-[(2-propen-1-yloxy)methyl]-1,3-propanediol, polymers with chlorotrimethylsilane-iso-Pr alc.-sodium silicate reaction products.

721.11168 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilyldiyl)trioxime].

721.11169 2-Pentanone, 2,2',2''- [O,O',O''-(methylsilyldiyl)trioxime].

721.11170 Naphthalene trisulfonic acid sodium salt (generic).

721.11171 Polymer of aliphatic dicarboxylic acid and dicycloalkaneamine (generic).

721.11172 Hexanedioic acid, polymer with trifunctional polyol, 1,1'-methylenebis [isocyanatobenzene], and 2,2'-oxybis[ethanol] (generic).

* * * * *

§ 721.11149 Carbon nanomaterial (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as carbon nanomaterial (PMN P-10-366) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been

reacted (cured), incorporated or embedded into a polymer matrix that itself has been completely reacted (cured), embedded in a permanent solid polymer, metal, glass, or ceramic form, or completely embedded in an article as defined at 40 CFR 720.3(c).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i) and (ii), (a)(3) through (5) (respirators must provide a National Institute for Occupational Safety and Health certified air purifying, tight-fitting full-face respirator equipped with N-100, P-100, or R-100 filter with an Assigned Protection Factor of at least 50), (a)(6)(particulate (including solids or liquid droplets)), (when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1) and (4) engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), and (c).

(ii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(k), (l), (q), and (y)(1)(when the substance is in liquid resin form). It is a significant new use to process or use the powder form of the substance outside of the site of manufacture or processing.

(iii) *Release to water.* Requirements as specified in § 721.90(a)(1), (b)(1), and (c)(1).

(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 (e), (i), and (k) are applicable to manufacturers and processors of this substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of §

721.185 apply to this section.

§ 721.11150 [Reserved]

§ 721.11151 2-Butanone 1,1,1,3,4,4,4-heptafluoro-3-(trifluoromethyl)-.

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as 2-butanone 1,1,1,3,4,4,4-heptafluoro-3-(trifluoromethyl)- (PMN P-15-114, CAS No. 756-12-7) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1) through (3)(when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (d), (f), (g)(1)(i), (g)(2)(i)(v), (g)(3)(ii)(harmful to fish), (g)(4)(iii), and (g)(5). It is a significant new use unless containers of the PMN substance are labeled with the statement: “contains a dielectric fluid which should not be mixed or used in conjunction with sulfur hexafluoride (SF6)”.

Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(t). It is a significant new use to use the substance other than as a dielectric medium for

medium and high voltage power generation/distribution equipment and heat transfer.

(iv) *Release to water*. Requirements as specified in § 721.90(a)(4), (b)(4), and (c)(4) where $N = 180$.

(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 (i) and (k) are applicable to manufacturers and processors of this substance.

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

(3) *Determining whether a specific use is subject to this section*. The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(iii) of this section.

§ 721.11152 Propanenitrile, 2,3,3,3 tetrafluoro-2-(trifluoromethyl)-.

(a) *Chemical substance and significant new uses subject to reporting*. (1) The chemical substance identified as propanenitrile, 2,3,3,3 tetrafluoro-2-(trifluoromethyl)- (PMN P-15-320, CAS No. 42532-60-5) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been reacted (cured).

(2) The significant new uses are:

(i) *Hazard communication*. Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), and (g)(5). It is a significant new use unless containers of the PMN substance are labeled with the statement: “contains a dielectric fluid which should not be mixed or used in conjunction with sulfur hexafluoride (SF₆)”. Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard

Communication Standard may be used.

(ii) *Industrial, commercial, and consumer activities.* It is a significant new use to use the substance other than as a dielectric medium for medium and high voltage power generation and distribution equipment.

(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 (f) through (i) are applicable to manufacturers and processors of this substance.

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

§ 721.11153 Polymeric sulfide (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as polymeric sulfide (PMN P-15-734) 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) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i), (a)(3), (when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(i), (vi), and (ix)(neurotoxicity), (g)(2)(i), (iii), and (v),

(g)(3)(i) and (ii), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(k)(wastewater heavy metal removal) and (q). It is a significant new use to manufacture, process, or use the substance in any manner that results in inhalation exposure to workers.

(iv) *Release to water.* Requirements as specified in § 721.90(a)(4), (b)(4), and (c)(4) where N = 2.

(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 (i) and (k) are applicable to manufacturers and processors of this substance.

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

(3) *Determining whether a specific use is subject to this section.* The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(iii) of this section.

§ 721.11154 Quaternary ammonium salts (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substances identified generically as quaternary ammonium salts (PMNs P-16-356 and P-16-357) are subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substances after they have been reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified § 721.63(a)(1), (a)(2)(i),

(a)(3), (when determining which persons are reasonably likely to be exposed as required for §721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposure where feasible), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication*. Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(i) and (ii)(neurotoxicity), (g)(2)(i), (iii), and (v), (g)(3)(i) and (ii), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities*. Requirements as specified in § 721.80(k). It is a significant new use to manufacture, process, or use the substances in any manner way that results in generation of a vapor, mist or aerosol.

(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 (i) are applicable to manufacturers and processors of these substances.

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

§ 721.11155 Alkyl methacrylates, polymer with olefins (generic).

(a) *Chemical substance and significant new uses subject to reporting*. (1) The chemical substance identified generically as alkyl methacrylates, polymer with olefins (PMN P-16-375) 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(f). It is a significant new use to import the substance other than according to the confidential molecular weight parameters specified in the TSCA Order for the substance.

(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.

(3) *Determining whether a specific use is subject to this section.* The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(i) of this section.

§ 721.11156 Hexanedioic acid, 1,6-bis(3,5,5-trimethylhexyl) ester.

(a) *Chemical substance and significant new uses subject to reporting.* (1) the chemical substance identified as hexanedioic acid, 1,6-bis(3,5,5-trimethylhexyl) ester (PMN P-16-386, CAS No. 20270-50-2) 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) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1) and (3), (when determining which persons are reasonably likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation shall be considered and implemented to prevent exposure, where

feasible), (a)(6)(v) and (vi)(particulate (including solids or liquid droplets)), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(iii), (iv), and (ix), (g)(2)(i), (ii), (iii), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(k)(motor oil formulations and gear oil lubricants) and (p)(1,545,000 kilograms).

(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 (i) are applicable to manufacturers and processors of this substance.

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

§ 721.11157 Alkylaminium hydroxide (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as alkylaminium hydroxide (PMN P-16-396) 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) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i), (ii), (iii), and (iv), (a)(3)(when determining which persons are reasonably likely to be exposed as required for §721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the

operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication*. Requirements as specified in §721.71(a) through (e) (concentration set at 1.0%), (f), (g)(1)(i), (ii), (iii), (vi), and (ix), (eye damage), (g)(2)(i), (ii), (iii), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities*. Requirements as specified in §721.80(k), (q), (v)(1) and (2), (w)(1) and (2), (x)(1) and (2), and (y)(1) and (2).

(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 (i) are applicable to manufacturers and processors of this substance.

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

(3) *Determining whether a specific use is subject to this section*. The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(iii) of this section.

§ 721.11158 Polyamine polyacid adducts (generic).

(a) *Chemical substance and significant new uses subject to reporting*. (1) The chemical substances identified generically as polyamine polyacid adducts (PMNs P-16-572 and P-16-573) are 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 the substances in any manner other than they are not amine terminated in order to maintain water solubility levels below 1 part per billion.

(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 and processors of these substances.

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

§ 721.11159 Aromatic isocyanate, polymer with alkyloxirane polymer with oxirane ether with alkyldiol (2:1) and alkyloxirane polymer with oxirane ether with alkyltriol (3:1) (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as aromatic isocyanate, polymer with alkyloxirane polymer with oxirane ether with alkyldiol (2:1) and alkyloxirane polymer with oxirane ether with alkyltriol (3:1) (PMN P-17-24) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i) and (iv), (a)(3), (a)(6)(v) and (vi)(particulate (including solids or liquid droplets)), (when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering

control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), (b)(concentration set at 0.1%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 0.1%), (f), (g)(1)(i) and (ii)(asthma), (g)(2)(i), (ii), (iii), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(o). It is a significant new use to manufacture, process, or use the substance in any manner that results in generation of a vapor, dust, mist or aerosol. It is a significant new use is manufacture, processing, or use of the PMN substance for commercial purposes when the sealable goods or service could introduce the chemical substance into consumer settings.

(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 (i) are applicable to manufacturers and processors of this substance.

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

§ 721.11160 Aromatic isocyanate polymer with alkyloxirane, alkyloxirane polymer with oxirane ether with alkanetriol and oxirane (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as aromatic isocyanate polymer with alkyloxirane, alkyloxirane polymer with oxirane ether with alkanetriol and oxirane (PMN P-17-25) is subject to reporting

under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i) and (iv), (a)(3), (a)(6)(v) and (vi), (particulate (including solids or liquid droplets)), (when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), (b)(concentration set at 0.1%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 0.1%), (f), (g)(1)(i) and (ii)(asthma), (g)(2)(i), (ii), (iii), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(o). It is a significant new use to manufacture, process, or use the substance in any manner that results in generation of a vapor, dust, mist or aerosol. It is a significant new use is manufacture, processing, or use of the PMN substance for commercial purposes when the sealable goods or service could introduce the chemical substance into consumer settings.

(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 (i)

are applicable to manufacturers and processors of this substance.

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

§ 721.11161 Oils, *hedychium flavescens*.

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as oils, *hedychium flavescens*, (PMN P-17-148, CAS No. 1902936-65-5) 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) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i), (iii), and (iv), (a)(3), (a)(4)(when determining which persons are reasonably likely to be exposed as required for § 721.63(a)(1) and (4), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposure, where feasible), (a)(5)(respirators must provide a National Institute for Occupational Safety and Health (NIOSH) assigned protection factor of at least 50), (a)(6)(v) and (vi), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (d), (f), (g)(1)(iv), (vi), (vii), and (ix)(respiratory sensitization), (g)(2)(i), (ii), (iii), (iv), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(f), (k)(odoriferous component of fragrance compounds) and (s)(70 kilograms). It is a

significant new use to manufacture, process, or use the substance in any manner that generates a mist or aerosol.

(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 (i) are applicable to manufacturers and processors of this substance.

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

§ 721.11162 Siloxanes and silicones, cetyl Me, di-Me, Me 2-(triethoxysilyl)ethyl.

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as siloxanes and silicones, cetyl Me, di-Me, Me 2-(triethoxysilyl)ethyl (PMN P-17-174, CAS No. 1887149-13-4) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i), (a)(3)(when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(i) and (ix)(neurotoxicity), (g)(2)(i) and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized

System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(f) and (q). It is a significant new use to manufacture or use the substance in any manner that results in generation of a vapor, mist or aerosol.

(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 (i) are applicable to manufacturers and processors of this substance.

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

(3) *Determining whether a specific use is subject to this section.* The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(iii) of this section.

§§ 721.11163 - 721.11165 [Reserved]

§ 721.11166 1H-Benz[de] isoquinoline-1,3(2H)-dione-2-(alkyl)-(alkylamino) (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as 1H-benz[de] isoquinoline-1,3(2H)-dione-2-(alkyl)-(alkylamino) (PMN P-17-251) 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) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i), (iii), and (iv), (a)(3), (when determining which persons are reasonably likely to be exposed as required as § 721.63(a)(1) engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation shall be considered and implemented to prevent

exposure, where feasible), (a)(6)(v) and (vi)(particulate (including solids or liquid droplets)), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (d), (f), (g)(1)(acute toxicity, mutagenicity, eye irritation), (g)(2)(i), (ii), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(f). It is a significant new use to import, process, or use the PMN substance at a concentration greater than 0.4%.

(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 (i) are applicable to manufacturers and processors of this substance.

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

§ 721.11167 Siloxanes and Silicones, di-Me, hydrogen-terminated, reaction products with acrylic acid and 2-ethyl-2-[(2-propen-1-yloxy)methyl]-1,3-propanediol, polymers with chlorotrimethylsilane-iso-Pr alc.-sodium silicate reaction products.

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as siloxanes and silicones, di-Me, hydrogen-terminated, reaction products with acrylic acid and 2-ethyl-2-[(2-propen-1-yloxy)methyl]-1,3-propanediol, polymers with chlorotrimethylsilane-iso-Pr alc.-sodium silicate reaction products (PMN P-17-296, CAS No. 2014386-23-1) is subject to reporting under this section for the significant new uses described in

paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the PMN substance after they have been completely reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i) through (iii), (a)(3) through (5)(respirators must provide a National Institute for Occupational Safety and Health assigned protection factor of at least 1,000 and are required for any process generating a spray, mist, or aerosol), (when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposures, where feasible), (a)(6)(v) and (vi)(particulate (including solids or liquid droplets)), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(i), (sensitization) (iv), (vii), and (ix), (g)(2)(i), (ii), (iii), (iv), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(f).

(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 (i) are applicable to manufacturers and processors of this substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of §

721.185 apply to this section.

§ 721.11168 2-Pentanone, 2,2',2''-[O,O',O''-(ethenylsilyldiylidene)trioxime].

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified as 2-pentanone, 2,2',2''-[O,O',O''-(ethenylsilyldiylidene)trioxime] (PMN P-17-308, CAS No. 58190-62-8) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been completely reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i), (a)(3)(when determining which persons are reasonably likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposure, where feasible), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(i), (iii), (iv), (vi), (vii), (viii), and (ix), (g)(2)(i), (iii), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System, and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(f) and (q). It is a significant new use to process or use the substance involving a method that generates a vapor, mist, or aerosol.

(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 as specified in § 721.125(a) through (i) are applicable to manufacturers and processors of this substance.

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

(3) *Determining whether a specific use is subject to this section*. The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(iii) of this section.

§ 721.11169 2-Pentanone, 2,2',2''- [O,O',O''-(methylsilylidyne)trioxime].

(a) *Chemical substance and significant new uses subject to reporting*. (1) The chemical substance identified as 2-pentanone, 2,2',2''- [O,O',O''-(methylsilylidyne)trioxime] (PMN P-17-309, CAS No. 37859-55-5) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been completely reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace*. Requirements as specified in § 721.63(a)(1), (a)(2)(i), (a)(3)(when determining which persons are reasonably likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposure, where feasible), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication*. Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(i), (iii), (iv), (vi), (vii), (viii), and (ix), (g)(2)(i), (iii), and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System, and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(f) and (q). It is a significant new use to process or use the substance involving a method that generates a vapor, mist, or aerosol.

(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 as specified in § 721.125(a) through (i) are applicable to manufacturers and processors of this substance.

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

(3) *Determining whether a specific use is subject to this section.* The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(iii) of this section.

§ 721.11170 Naphthalene trisulfonic acid sodium salt (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as naphthalene trisulfonic acid sodium salt (PMN P-17-321) 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) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i) and (iv), (a)(3) through (5) (respirators must provide a National Institute for Occupational Safety and Health assigned protection factor of at least 50), (when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented

to prevent exposures, where feasible), (b)(concentration set at 1.0%), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (e)(concentration set at 1.0%), (f), (g)(1)(i), (ii), (iv), and (ix), (g)(2)(i) through (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(q) and (t). It is a significant new use to manufacture, process, or use the substance in any manner that generates a vapor, mist, or aerosol.

(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 (i) are applicable to manufacturers and processors of this substance.

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

(3) *Determining whether a specific use is subject to this section.* The provisions of § 721.1725(b)(1) apply to paragraph (a)(2)(iii) of this section.

§ 721.11171 Polymer of aliphatic dicarboxylic acid and dicycloalkaneamine (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as polymer of aliphatic dicarboxylic acid and dicycloalkaneamine (PMN P-17-327) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been reacted (cured).

(2) The significant new uses are:

(i) *Industrial, commercial, and consumer activities.* It is a significant new use to manufacture (includes import) the substance to have an average molecular weight of greater than 10,000 Daltons.

(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 and processors of this substance.

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

§ 721.11172 Hexanedioic acid, polymer with trifunctional polyol, 1,1'-methylenebis [isocyanatobenzene], and 2,2'-oxybis[ethanol] (generic).

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as hexanedioic acid, polymer with trifunctional polyol, 1,1'-methylenebis [isocyanatobenzene], and 2,2'-oxybis[ethanol] (PMN P-17-330) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this section do not apply to quantities of the substance after they have been reacted (cured).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i) through (iv), (a)(3)(when determining which persons are reasonable likely to be exposed as required for § 721.63(a)(1), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace

policies and procedures) shall be considered and implemented to prevent exposures, where feasible), and (c).

(ii) *Hazard communication.* Requirements as specified in § 721.72(a) through (d), (f), (g)(1)(i)(eye and respiratory irritation), (g)(2)(i) through (iii) and (v), and (g)(5). Alternative hazard and warning statements that meet the criteria of the Globally Harmonized System and OSHA Hazard Communication Standard may be used.

(iii) *Industrial, commercial, and consumer activities.* It is a significant new use to manufacture, process, or use the substance for consumer use or for commercial uses that could introduce the substance into a consumer setting. It is a significant new use to manufacture, process, or use the substance in any manner that generates a dust, mist, or aerosol.

(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 (i) are applicable to manufacturers and processors of this substance.

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