

Significant New Use Rules[View Significant New Use Rules](#)

- **Chemical Name:** 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluorooctane-1-sulfonic acid
- **Chemical Identifier:** 1763-23-1
- **Federal Register Citation:** 72 FR 57222 October 9 2007; 67 FR 72854 December 9 2002;
- **Code Federal Regulation:** 40 CFR 721.9582;
- **Chemical Category:** Perfluoro Compounds;

PFOS

What is a Significant New Use Rule (SNUR)?: SNUR not associated with a Consent Order. : EPA has determined that potential uses different from those already in commerce (i.e., for existing chemicals) or identified in a pre-manufacture notice (i.e., for new chemicals) may result in increased exposures to, or releases of, the substance. For new chemicals, use of the chemical in a manner other than as described in the SNUR is a Significant New Use. For existing chemicals, resumption of a discontinued use identified in the SNUR or in a manner other than described in the SNUR is a Significant New Use. Entities that wish to commence or resume use of the chemical substance for a significant new use must notify EPA before the new use begins or resumes through submission of a SNUN so that EPA has the opportunity to review and, if appropriate, place restrictions on the new use.

Significant New Use Rule for: 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluorooctane-1-sulfonic acid , 1763-23-1

Has the chemical been commenced?: Yes

PMN Number: Chemical did not go through EPA's new chemical review program

Functional Use: Coating for textiles, fabric, carpet, apparel, leather, and paper

What are the health or environmental toxicity concerns?:

- Aquatic and/or terrestrial toxicity:
- Developmental/reproduction:
- Internal organs (e.g., liver, blood, kidney, etc.)/systemic toxicity:
- Persistent, Bioaccumulative, Toxic (PBT) properties:

What is the basis for the health or environmental toxicity concerns?:

- Perfluoro Compounds:
- Chemical testing:

What is the exposure concern to the chemical?:

- Other: There is evidence that perfluoroalkyl sulfonate (PFAS) containing chemicals degrade to perfluoroalkyl sulfonic acids (PFASA) in the environment, or to PFAS precursors. Any use of this chemical will add to the reservoir of PFASA in the environment, resulting in additional human/environmental exposure.:

"Significant new uses" of this chemical, for which EPA would require notification (i.e., a "significant new use notice," or "SNUN") and Agency review, are:

- Other: Manufacturing (including importing) or processing for any use, except: (i) use as an anti-erosion additive in fire-resistant phosphate ester aviation hydraulic fluids:

- Other: (ii) use as a component of a photoresist substance, including a photo acid generator or surfactant, or as a component of anti-reflective coating, used in a photomicro lithography process to produce semiconductors or similar components of electronic or other miniaturized devices:
- Other: (iii) use in coating for surface tension, static discharge, and adhesion control for analog and digital imaging films, papers, and printing plates, or as a surfactant in mixtures used to process imaging films:
- Other: (iv) use as an intermediate only to produce other chemical substances to be used solely for the use exceptions listed in (i), (ii), or (iii).:

What recommended testing would help EPA characterize the potential human health and/or environmental toxicity hazards for a Significant New Use Notice?:

If a manufacturer or processor intends to manufacture or process a chemical that is the subject of a SNUR for a significant new use, EPA recommends including the following tests to help the Agency in its review of the Significant New Use Notice (SNUN) that must be submitted to EPA 90 days before such manufacture or processing may be initiated:

- No testing recommended:

There are ____ SNUN(s) for this chemical.:

- No:

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[Home](#)Significant New Use RulesView Significant New Use Rules

- **Chemical Name:** 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Pentadecafluorooctanoic acid
- **Chemical Identifier:** 335-67-1
- **Federal Register Citation:** 78 FR 62243 October 22 2013;
- **Code Federal Regulation:** 40 CFR 721.10536:
- **Chemical Category:** Perfluoro Compounds;

PFOA

What is a Significant New Use Rule (SNUR)?: SNUR not associated with a Consent Order. : EPA has determined that potential uses different from those already in commerce (i.e., for existing chemicals) or identified in a pre-manufacture notice (i.e., for new chemicals) may result in increased exposures to, or releases of, the substance. For new chemicals, use of the chemical in a manner other than as described in the SNUR is a Significant New Use. For existing chemicals, resumption of a discontinued use identified in the SNUR or in a manner other than described in the SNUR is a Significant New Use. Entities that wish to commence or resume use of the chemical substance for a significant new use must notify EPA before the new use begins or resumes through submission of a SNUN so that EPA has the opportunity to review and, if appropriate, place restrictions on the new use.

Significant New Use Rule for: 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Pentadecafluorooctanoic acid , 335-67-1

Has the chemical been commenced?: Yes

PMN Number: Chemical did not go through EPA's new chemical review program

Functional Use: Coating for textiles, fabric, carpet, apparel, leather, and paper

What are the health or environmental toxicity concerns?:

- Aquatic and/or terrestrial toxicity:
- Developmental/reproduction:
- Internal organs (e.g., liver, blood, kidney, etc.)/systemic toxicity:
- Persistent, Bioaccumulative, Toxic (PBT) properties:

What is the basis for the health or environmental toxicity concerns?:

- Analog data:
- Perfluoro Compounds:
- Physical/chemical properties:

What is the exposure concern to the chemical?:

- Other: This chemical has the potential to degrade to PFOS(H) in the environment. PFOS(H) is generally persistent in the environment and has a strong tendency to bioaccumulate. Exposure is widespread.:

"Significant new uses" of this chemical, for which EPA would require notification (i.e., a "significant new use notice," or "SNUN") and Agency review, are:

- Other: Manufacture (including import) or processing for use as part of carpets or to treat carpets (e.g., for use in the carpet aftercare market):

What recommended testing would help EPA characterize the potential human health and/or environmental toxicity hazards for a Significant New Use Notice?:

If a manufacturer or processor intends to manufacture or process a chemical that is the subject of a SNUR for a significant new use, EPA recommends including the following tests to help the Agency in its review of the Significant New Use Notice (SNUN) that must be submitted to EPA 90 days before such manufacture or processing may be initiated:

- No testing recommended:

There are ___ SNUN(s) for this chemical.:

- No:

Significant New Use Rules

View Significant New Use Rules

- **Chemical Name:** 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Nonadecafluorodecanoic acid
- **Chemical Identifier:** 335-76-2
- **Federal Register Citation:** 78 FR 62243 October 22 2013;
- **Code Federal Regulation:** 40 CFR 721.10536;
- **Chemical Category:** Perfluoro Compounds;

P FDA

What is a Significant New Use Rule (SNUR)?: SNUR not associated with a Consent Order. : EPA has determined that potential uses different from those already in commerce (i.e., for existing chemicals) or identified in a pre-manufacture notice (i.e., for new chemicals) may result in increased exposures to, or releases of, the substance. For new chemicals, use of the chemical in a manner other than as described in the SNUR is a Significant New Use. For existing chemicals, resumption of a discontinued use identified in the SNUR or in a manner other than described in the SNUR is a Significant New Use. Entities that wish to commence or resume use of the chemical substance for a significant new use must notify EPA before the new use begins or resumes through submission of a SNUN so that EPA has the opportunity to review and, if appropriate, place restrictions on the new use.

Significant New Use Rule for: 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Nonadecafluorodecanoic acid , 335-76-2

Has the chemical been commenced?: Yes

PMN Number: Chemical did not go through EPA's new chemical review program

Functional Use: Coating for textiles, fabric, carpet, apparel, leather, and paper

What are the health or environmental toxicity concerns?:

- Aquatic and/or terrestrial toxicity:
- Developmental/reproduction:
- Internal organs (e.g., liver, blood, kidney, etc.)/systemic toxicity:
- Persistent, Bioaccumulative, Toxic (PBT) properties:

What is the basis for the health or environmental toxicity concerns?:

- Analog data:
- Perfluoro Compounds:
- Physical/chemical properties:

What is the exposure concern to the chemical?:

- Other: This chemical has the potential to degrade to PFOS(H) in the environment. PFOS(H) is generally persistent in the environment and has a strong tendency to bioaccumulate. Exposure is widespread.:

"Significant new uses" of this chemical, for which EPA would require notification (i.e., a "significant new use notice," or "SNUN") and Agency review, are:

- Other: Manufacture (including import) or processing for use as part of carpets or to treat carpets (e.g., for use in the carpet aftercare market):

What recommended testing would help EPA characterize the potential human health and/or environmental toxicity hazards for a Significant New Use Notice?:

If a manufacturer or processor intends to manufacture or process a chemical that is the subject of a SNUR for a significant new use, EPA recommends including the following tests to help the Agency in its review of the Significant New Use Notice (SNUN) that must be submitted to EPA 90 days before such manufacture or processing may be initiated:

- No testing recommended:

There are ___ SNUN(s) for this chemical.:

- No:

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[Home](#)Significant New Use RulesView Significant New Use Rules

- **Chemical Name:** 1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid
- **Chemical Identifier:** 355-46-4
- **Federal Register Citation:** 67 FR 72854 December 9 2002; 72 FR 57222 October 9 2007;
- **Code Federal Regulation:** 40 CFR 721.9582;
- **Chemical Category:** Perfluoro Compounds;

What is a Significant New Use Rule (SNUR)?: SNUR not associated with a Consent Order. : EPA has determined that potential uses different from those already in commerce (i.e., for existing chemicals) or identified in a pre-manufacture notice (i.e., for new chemicals) may result in increased exposures to, or releases of, the substance. For new chemicals, use of the chemical in a manner other than as described in the SNUR is a Significant New Use. For existing chemicals, resumption of a discontinued use identified in the SNUR or in a manner other than described in the SNUR is a Significant New Use. Entities that wish to commence or resume use of the chemical substance for a significant new use must notify EPA before the new use begins or resumes through submission of a SNUN so that EPA has the opportunity to review and, if appropriate, place restrictions on the new use.

Significant New Use Rule for: 1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid , 355-46-4

Has the chemical been commenced?: Yes

PMN Number: Chemical did not go through EPA's new chemical review program

Functional Use: Coating for textiles, fabric, carpet, apparel, leather, and paper

What are the health or environmental toxicity concerns?:

- Aquatic and/or terrestrial toxicity:
- Developmental/reproduction:
- Internal organs (e.g., liver, blood, kidney, etc.)/systemic toxicity:
- Persistent, Bioaccumulative, Toxic (PBT) properties:

What is the basis for the health or environmental toxicity concerns?:

- Analog data:
- Perfluoro Compounds:

What is the exposure concern to the chemical?:

- Other: There is evidence that perfluoroalkyl sulfonate (PFAS) containing chemicals degrade to perfluoroalkyl sulfonic acids (PFASA) in the environment, or to PFAS precursors. Any use of this chemical will add to the reservoir of PFASA in the environment, resulting in additional human/environmental exposure.:

What recommended testing would help EPA characterize the potential human health and/or environmental toxicity hazards for a Significant New Use Notice?:

If a manufacturer or processor intends to manufacture or process a chemical that is the subject of a SNUR for a significant new use, EPA recommends including the following tests to help the Agency in its review of the Significant New Use Notice (SNUN) that must be submitted to EPA 90 days before such manufacture or processing may be initiated:

- No testing recommended:

There are ___ SNUN(s) for this chemical.:

- No:

Significant New Use Rules[View Significant New Use Rules](#)

- **Chemical Name:** 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Heptadecafluorononanoic acid
- **Chemical Identifier:** 375-95-1
- **Federal Register Citation:** 78 FR 62243 October 22 2013;
- **Code Federal Regulation:** 40 CFR 721.10536:
- **Chemical Category:** Perfluoro Compounds;

What is a Significant New Use Rule (SNUR)?: SNUR not associated with a Consent Order. : EPA has determined that potential uses different from those already in commerce (i.e., for existing chemicals) or identified in a pre-manufacture notice (i.e., for new chemicals) may result in increased exposures to, or releases of, the substance. For new chemicals, use of the chemical in a manner other than as described in the SNUR is a Significant New Use. For existing chemicals, resumption of a discontinued use identified in the SNUR or in a manner other than described in the SNUR is a Significant New Use. Entities that wish to commence or resume use of the chemical substance for a significant new use must notify EPA before the new use begins or resumes through submission of a SNUN so that EPA has the opportunity to review and, if appropriate, place restrictions on the new use.

Significant New Use Rule for: 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Heptadecafluorononanoic acid , 375-95-1

Has the chemical been commenced?: Yes

PMN Number: Chemical did not go through EPA's new chemical review program

Functional Use: Coating for textiles, fabric, carpet, apparel, leather, and paper

What are the health or environmental toxicity concerns?:

- Aquatic and/or terrestrial toxicity:
- Developmental/reproduction:
- Internal organs (e.g., liver, blood, kidney, etc.)/systemic toxicity:
- Persistent, Bioaccumulative, Toxic (PBT) properties:

What is the basis for the health or environmental toxicity concerns?:

- Analog data:
- Perfluoro Compounds:
- Physical/chemical properties:

What is the exposure concern to the chemical?:

- Other: This chemical has the potential to degrade to PFOS(H) in the environment. PFOS(H) is generally persistent in the environment and has a strong tendency to bioaccumulate. Exposure is widespread.:

"Significant new uses" of this chemical, for which EPA would require notification (i.e., a "significant new use notice," or "SNUN") and Agency review, are:

- Other: Manufacture (including import) or processing for use as part of carpets or to treat carpets (e.g., for use in the carpet aftercare market):

What recommended testing would help EPA characterize the potential human health and/or environmental toxicity hazards for a Significant New Use Notice?:

If a manufacturer or processor intends to manufacture or process a chemical that is the subject of a SNUR for a significant new use, EPA recommends including the following tests to help the Agency in its review of the Significant New Use Notice (SNUN) that must be submitted to EPA 90 days before such manufacture or processing may be initiated:

- No testing recommended:

There are___ SNUN(s) for this chemical.:

- No:

Consent Orders

GenX

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- **Chemical Name:** Azanium, 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoate
- **Chemical Identifier:** 62037-80-3
- **Chemical Category:** Perfluoro Compounds; PBT chemicals;

What type of TSCA Section 5(e) Consent Order was developed for this chemical substance?:

Risk-based and Exposure-based Consent Order

Consent Order for: Azanium, 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoate , 62037-80-3

Effective Date of TSCA Section 5(e) Consent Order: 1/28/2009

PMN Number: P-08-0509

Has the chemical been commenced?: Yes

Functional Use: Polymerization aid (generic)

What are the health or environmental toxicity concerns?:

- Aquatic and/or terrestrial toxicity:
- Cancer effects:
- Developmental/reproduction:
- Internal organs (e.g., liver, blood, kidney, etc.)/systemic toxicity:
- Lung toxicity (including lung overload):
- Mutagenicity:
- Persistent, Bioaccumulative, Toxic (PBT) properties:

What is the health or environmental concern based on?:

- Analog data:
- PBT chemicals:
- Perfluoro Compounds:
- Chemical testing:
- Physical/chemical properties:

Based on
CDR & C.O. info

Limitations on manufacture (including import), processing, distribution in commerce, use, or disposal pending submission and evaluation of information:

- As an alternative to using respirators, maintain workplace airborne concentrations of the PMN substance at or below a New Chemical Exposure Limit (NCEL): of 0.01 milligrams per cubic meter as an 8-hour time weighted average (TWA) verified by actual exposure monitoring:
- Disposal from manufacturing, processing, and/or use that differ from: the recovery and capture (destruction) or recycle of the PMN substance at an overall efficiency of 99% from all effluent streams and air emissions (point source and fugitive):
- Production volume greater than: the confidential aggregate manufacture volume identified in the consent order:
- Recordkeeping for all manufacturers and processors:

Has EPA modified or revoked the Consent Order based on submission of the listed testing?:

- No:



Consent Orders

GenX related

- **Chemical Name:** 2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid
- **Chemical Identifier:** 13252-13-6 (PFPr OPr A)
- **Chemical Category:** Perfluoro Compounds; PBT chemicals;

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What type of TSCA Section 5(e) Consent Order was developed for this chemical substance?:

Risk-based and Exposure-based Consent Order

Consent Order for: 2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid , 13252-13-6

Effective Date of TSCA Section 5(e) Consent Order: 1/28/2009

PMN Number: P-08-0508

Has the chemical been commenced?: Yes

Functional Use: Intermediate for polymerization aid (generic)

What are the health or environmental toxicity concerns?:

- Aquatic and/or terrestrial toxicity:
- Cancer effects:
- Developmental/reproduction:
- Internal organs (e.g., liver, blood, kidney, etc.)/systemic toxicity:
- Lung toxicity (including lung overload):
- Mutagenicity:
- Persistent, Bioaccumulative, Toxic (PBT) properties:

What is the health or environmental concern based on?:

- Analog data:
- PBT chemicals:
- Perfluoro Compounds:
- Chemical testing:
- Physical/chemical properties:

Limitations on manufacture (including import), processing, distribution in commerce, use, or disposal pending submission and evaluation of information:

- As an alternative to using respirators, maintain workplace airborne concentrations of the PMN substance at or below a New Chemical Exposure Limit (NCEL): of 0.01 milligrams per cubic meter as an 8-hour time weighted average (TWA) verified by actual exposure monitoring:
- Disposal from manufacturing, processing, and/or use that differ from: the recovery and capture (destruction) or recycle of the PMN substance at an overall efficiency of 99% from all effluent streams and air emissions (point source and fugitive):
- Production volume greater than: the confidential aggregate manufacture volume identified in the consent order:
- Recordkeeping for all manufacturers and processors:

Has EPA modified or revoked the Consent Order based on submission of the listed testing?:

- No: