

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: