

Attachment Number: 023

Attachment Name:

Identity of Chemical Substances

Associated SNUN Section Number(s):

Part I, Section B, 1.b; 1.d; 1.e; 4; and 5

[REDACTED] (also referred to as [REDACTED] or “the Company” herein) submits two consolidated SNUN applications. There are nine long-chain perfluoroalkyl carboxylates (LCPFACs) listed in the SNUR at 40 CFR §721.10536 that are relevant to the two consolidated SNUNs. The first SNUN includes Species 1-5, and the second SNUN includes Species 6-9.

The following is the identify information of the 9 species.

The LCPFACs [REDACTED] are not independently sold and marketed. Accordingly, the LCPFACs do not have trade names.

FIRST CONSOLIDATED SNUN:

Species 1:

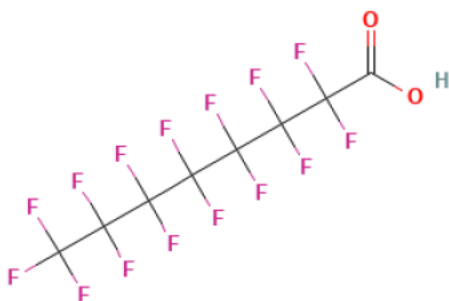
Name: Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-

Synonyms: Perfluorooctanoic acid; PFOA

CAS number: 335-67-1

Molecular formula: C₈HF₁₅O₂

Chemical structure diagram:



Species 2:

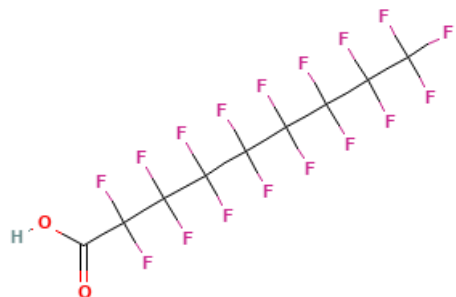
Name: Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-

Synonyms: Perfluorononanoic acid; PFNA

CAS number: 375-95-1

Molecular formula: C₉HF₁₇O₂

Chemical structure diagram:



Species 3:

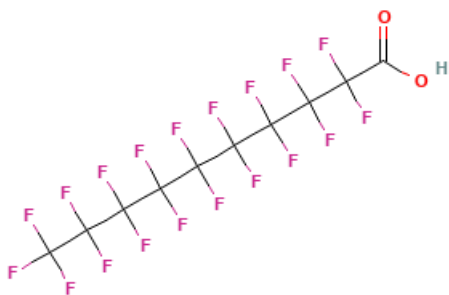
Name: Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 10-nonadecafluoro-

Synonyms: Perfluorodecanoic acid; PFDA

CAS number: 335-76-2

Molecular formula: C₁₀HF₁₉O₂

Chemical structure diagram:



Species 4:

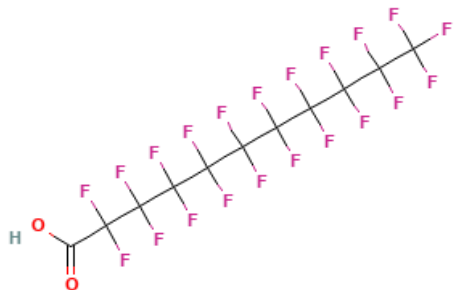
Name: Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,11-heneicosafuoro-

Synonyms: Perfluoroundecanoic acid; PFuDA

CAS number: 2058-94-8

Molecular formula: C₁₁HF₂₁O₂

Chemical structure diagram:



Species 5:

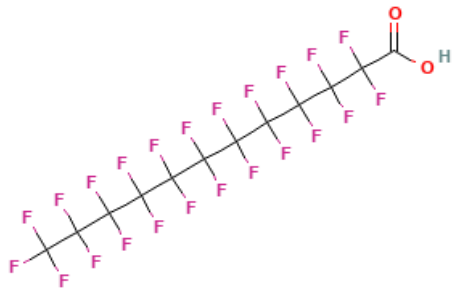
Name: Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12-tricosafuoro-

Synonyms: Perfluorododecanoic acid; PFDoA

CAS number: 307-55-1

Molecular formula: C₁₂HF₂₃O₂

Chemical structure diagram:

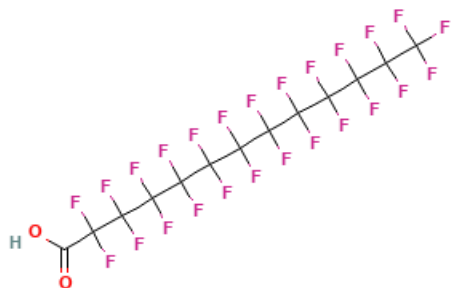


Species 6:

Synonyms: Perfluorotridecanoic acid; PFtrDA

Molecular formula: C₁₃H₂₅O₂

Chemical structure diagram:



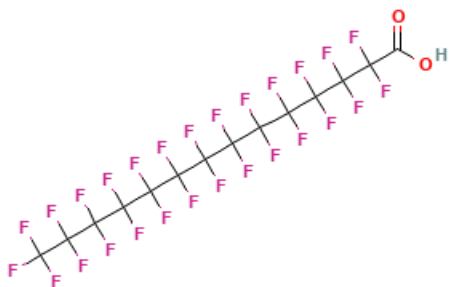
Name: Tetradecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,13,13,14,14,14-heptacosafuoro-

Synonyms: Perfluorotetradecanoic acid; PFteDA

CAS number: 376-06-7

Molecular formula: C₁₄H₂₇O₂

Chemical structure diagram:



Species 8:

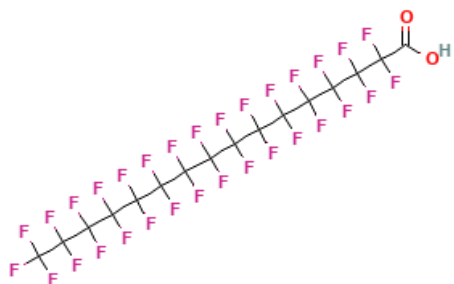
Name: Hexadecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16-hentriacontafuoro-

Synonyms: Perfluorohexadecanoic acid; PDHxDA

CAS Number: 67905-19-5

Molecular formula: C₁₆HF₃₁O₂

Chemical structure diagram:



Species 9:

Name: Octadecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18-pentatriacontafuoro-

Synonyms: Perfluorostearic acid; PFODA

CAS Number: 16517-11-6

Molecular formula: C₁₈HF₃₅O₂

Chemical structure diagram:

