

Summary of SAB Recommendations on PFAS

November 14, 2019

| Date | Chemical Name | SAB Recommendation |
|--------------------|--|---|
| January 11, 2017 | Perfluorooctane Sulfonic Acid (PFOS) and its salts | Recommended listing PFOS and its salts based on persistence, bioaccumulation, ecotoxicity, and animal acute toxicity. |
| January 11, 2017 | Perfluorooctanoic Acid (PFOA) and its salts | Recommended listing PFOA and its salts based on persistence, bioaccumulation, ecotoxicity, and animal acute toxicity. |
| April 11, 2018 | Perfluorohexanesulphonic acid (PFHxS) | Recommended listing PFHxS due to persistence, bioaccumulation, mobility, corrosivity and mammalian toxicity: thyroid, liver/metabolic, and endocrine effects. |
| April 11, 2018 | Perfluorohexanoic Acid (PFHxA) and its salts | Recommended listing PFHxA and its salts due to strong evidence on persistence, mobility, corrosivity, and mammalian toxicity: thyroid and liver, with concerns for kidney and developmental effects. |
| April 11, 2018 | Perfluorobutanesulfonic acid (PFBS) and its salts | Recommended listing PFBS and its salts due to persistence, mobility, corrosivity and mammalian toxicity: thyroid and developmental toxicity, with additional concerns for reproductive toxicity, neurotoxicity and immunotoxicity. |
| April 11, 2018 | Pentafluorobenzoic acid (PFBA) and its salts | Recommended listing PFBA and its salts due to persistence, mobility, corrosivity and mammalian toxicity: liver/endocrine with additional concerns for thyroid, developmental toxicity, hematological effects, and phytoaccumulation. |
| October 25, 2018 | Perfluoroheptanoic Acid (PFHpA) and its salts | Recommended listing PFHpA and its salts due to persistence and liver effects, with concerns for corrosivity, mobility and bioaccumulation. |
| October 25, 2018 | Perfluorononanoic Acid (PFNA) and its salts | Recommended listing PFNA and its salts due to persistence, bioaccumulation, developmental/ reproductive effects, immunotoxicity, and effects on liver, with additional concerns for mobility in the environment, neurotoxicity and corrosivity. |
| March 27, 2019 | Hexafluoropropylene Oxide (HFPO) Dimer Acid and Its Ammonium Salt (GenX) | Recommended listing HFPO-DA and its ammonium salt due to persistence, mobility, corrosivity, and liver toxicity. |
| September 18, 2019 | Hexafluoropropylene Oxide (HFPO) Dimer Acid and its Acyl Halides | Recommended listing the salts of HFPO-DA and its acyl halides which are precursors to HFPO-DA. |
| September 18, 2019 | ADONA - Ammonium 4,8-dioxa-3H-perfluorononanoate or 3H-perfluoro-3-[(3-methoxy-propoxy)propanoic acid] | Board agreed that ADONA followed the patterns of the other PFAS that the SAB has reviewed, such as liver effects, persistence, gender differences, corrosivity, and maternal toxicity. However, available data were not sufficient for a listing recommendation. The SAB noted an over-all lack of studies, especially for cancer, immunotoxicity, neurotoxicity, thyroid and more complete reproductive details. |
| November 14, 2019 | Perfluoroalkyl Phosphonic and Phosphinic Acids | Recommended listing Perfluoroalkyl Phosphonic and Phosphinic Acids based on mobility, persistence, corrosivity (pKa). Additional evidence shows compounds are precursors to PFCAs (e.g. PFOA, previously recommended for listing). Additional concerns based on evidence of liver toxicity and acute toxicity for some of the compounds. |