



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

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The U.S. EPA recently added certain toxicity parameters for ammonium perfluorobutanoate, ammonium perfluorohexanoate, perfluorobutanoate, perfluorobutanoic acid (PFBA), perfluorohexanoate, perfluorohexanoic acid (PFHxA), potassium heptafluorobutanoate, sodium perfluorobutanoate, and sodium perfluorohexanoate. IDEM Published Level Table 1 will not reflect this until our 2024 update. We are providing this information given public interest in these compounds. Further update regarding per- and polyfluoroalkyl substances is being monitored closely. The following table reflects levels for the above compounds based on the new toxicological data and procedures described in Appendix A of the Risk-based Closure Guide.

IDEM Published Levels Table 1 Human Health: Standard Exposure Scenarios	Medium >	SOIL			GROUNDWATER
	Type >	Long Term		Short Term	Long Term
	Land Use >	Res	Com	Exc	Res
	Units/Q >	mg/kg Q	mg/kg Q	mg/kg Q	µg/L Q
Ammonium perfluorobutanoate	10495-86-0	9.E+01 N	8.E+02 N	2.E+03 N	2.E+01 N
Ammonium perfluorohexanoate	21615-47-4			1.E+03 N	7.E+00 N
Perfluorobutanoate	45048-62-2			2.E+03 N	2.E+01 N
Perfluorobutanoic acid (PFBA)	375-22-4			2.E+03 N	2.E+01 N
Perfluorohexanoate	92612-52-7			1.E+03 N	6.E+00 N
Perfluorohexanoic acid (PFHxA)	307-24-4	4.E+01 N	4.E+02 N	9.E+02 N	1.E+01 N
Potassium heptafluorobutanoate	2966-54-3			4.E+03 N	4.E+01 N
Sodium perfluorobutanoate	2218-54-4			2.E+03 N	2.E+01 N
Sodium perfluorohexanoate	2923-26-4			1.E+03 N	1.E+01 N



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