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Fürth, December 17/2019

## TEST REPORT No. FUHLCP2019-11120

Date sample received: November 29/2019  
Period of testing: November 29/2019 - December 12/2019  
Technical Director: Kerstin Scharrer

### Abbreviations:

- \* = Test method is not part of the accreditation scope
- \*\* = Outsourcing
- n.a. = not applicable
- n.t. = not tested
- n.d. = not determinable (< LoQ)
- LoQ = limit of quantification
- CS = Combined sample
- P = passed
- F = failed

### Sample description: Fluoroplast-4 modified



Tested components
Fluoroplast-4 modified, plastic, white

## Perfluorinated tensides in µg/kg

Test method: 12.02.01.01\_PFT (2019-08)

Substance name	Abbrev.	CAS-No.	LoQ	Test result
Perfluorobutanoic acid	PFBA [PFC C4]	375-22-4	10	n.d.
Perfluoropentanoic acid	PFPeA [PFC C5]	2706-90-3	10	n.d.
Perfluorohexanoic acid	PFHxA [PFC C6]	307-24-4	10	n.d.
Perfluoroheptanoic acid	PFHpA [PFC C7]	375-85-9	10	n.d.
Perfluorooctanoic acid <sup>1</sup>	PFOA [PFC C8]	335-67-1	10	n.d.
Perfluorononanoic acid	PFNA [PFC C9]	375-95-1	10	n.d.
Perfluorodecanoic acid	PFDA [PFC C10]	335-76-2	25	n.d.
Perfluoroundecanoic acid	PFUdA [PFC C11]	2058-94-8	25	n.d.
Perfluorododecanoic acid	PFDoA [PFC C12]	307-55-1	25	n.d.
Perfluoro-tridecanoic acid	PFTrDA [PFC C13]	72629-94-8	25	n.d.
Perfluorotetradecanoic acid	PFTeDA [PFC C14]	376-06-7	25	n.d.
Perfluorobutanesulfonic acid	PFBS [PFS C4]	375-73-5	10	n.d.
Perfluorohexanesulfonic acid	PFHxS [PFS C6]	355-46-4	10	n.d.
Perfluoroheptanesulfonic acid	PFHpS [PFS C7]	375-92-8	10	n.d.
Perfluorooctanesulfonic acid	PFOS [PFS C8]	1763-23-1	10	n.d.
Perfluorodecanesulfonic acid	PFDS [PFS C10]	335-77-3	10	n.d.
Perfluorooctan sulfonamide	PFOSA	754-91-6	10	n.d.
N-Methylheptadecafluorooctan sulfonamide	N-Me-FOSA	31506-32-8	10	n.d.
N-Ethylheptadecafluorooctan sulfonamid	N-Et-FOSA	4151-50-2	10	n.d.
N-Methylheptadecafluorooctan sulfonamide ethanol	N-Me-FOSE-alcohol	24448-09-7	10	n.d.
N-Ethylheptadecafluorooctan sulphonamide ethanol	N-Et-FOSE-alcohol	1691-99-2	10	n.d.
1H,1H,2H,2H-Perfluoro-octanesulphonic acid	1H, 1H, 2H, 2H-PFOS	27619-97-2	10	n.d.
2H,2H,3H,3H-Perfluoro-undecanoic acid	4HPFUnA	34598-33-9	10	n.d.
Perfluoro-3-7-dimethyl octane carboxylate	PF-3,7-DMOA	172155-07-6	10	n.d.
7H-Dodecafluoroheptane carboxylate	HPFHpA	1546-95-8	25	n.d.
2H,2H-Perfluorodecan carboxylate	H2PFDA	27854-31-5	25	n.d.
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid	FTS 8:2	39108-34-4	10	n.d.

<sup>1</sup> Limit for articles: ≥ 25 ppb - valid from 4. July 2020

## Non-ionic perfluorinated tensides in µg/kg

Test method: 12.02.01.03\_ Non-ionic PFT (2019-08)

Limit of quantification: 100 µg/kg

Substance name	Abbrev.	CAS-No.	Test result
1H,1H,2H,2H-Perfluorohexanol	4:2 FTOH	2043-47-2	n.d.
1H,1H,2H,2H-Perfluorooctanol	6:2 FTOH	647-42-7	n.d.
1H,1H,2H,2H-Perfluorodecanol	8:2 FTOH	678-39-7	n.d.
1H,1H,2H,2H-Perfluorododecanol	10:2 FTOH	865-86-1	n.d.
1H,1H,2H,2H-Perfluorooctyl acrylate	6:2 FTA	17527-29-6	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate	8:2 FTA	27905-45-9	n.d.
1H,1H,2H,2H-Perfluorododecyl acrylate	10:2 FTA	17741-60-5	n.d.
1H,1H,2H,2H-Perfluorohexyl methacrylate	4:2 FTMA	1799-84-4	n.d.
1H,1H,2H,2H-Perfluorooctyl methacrylate	6:2 FTMA	2144-53-8	n.d.
1H,1H,2H,2H-Heptadecafluorodecyl methacrylate	8:2 FTMA	1996-88-9	n.d.

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