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POPs (EU) 2019/1021 I (EU) 2020/1204-	

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		SGS ID	
SN1	A1	SHA25-0236853-0001.C001	

% & /

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL= ' (') *
- (3) ND = + ') (< MDL)
- (4) "-" = + , -

j k POPs b l (EU) 2019/1021 mn l H o p q b l r s

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	CAS No.	MDL	A1
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1- -1H,1H,2H,2H-



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I [2-(@A B _)]e _ ' E v c F (8:2 diPAP-NH ₄)	93776-20-6
8:2A • - 9 ' E d v —	1411713-91-1
8:3 FTCA,	
2H,2H,3H,3H-@A m TM C E (8:3 FTCA)	34598-33-9
2H,2H,3H,3H-@A m TM C E ` (8:3 FTCA-K)	83310-58-1
2H,2H,3H,3H-@A m TM E a (8:3 FTCA-Li)	67304-23-8
8:8 PFPI,	
8:8@A š > E (8:8 PFPI)	40143-79-1
8:8 @A š > E b F (8:8 PFPI-Na)	500776-69-2
8:8 @A š > E œ(3+)F (8:8 PFPI-Er)	500776-70-5
8:8 @A š > E Ÿ (3+)F (8:8 PFPI-Yb)	500776-71-6
8:2 monoPAP,	
i [2-(@A B _)]e _]' E F (8:2 monoPAP)	57678-03-2
8:2A • - 9 ' E d c F	93857-44-4
8:2A • - 9 ' E b F	438237-75-3
I [2-(@A B _)]e _]' E c F	1764-95-0
i [2-(@A B _)]e _]' E c F	92401-44-0
i [2-(@A B _)]e _]' E j b F	144965-22-0
i [2-(@A B _)]e _]' E j ` F	150033-28-6
i [2-(@A B _)]e _]' E " c F	2353-52-8

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	CAS No.			MDL	A1
(PFHxSA)	41997-13-1	1	mg/kg	0.010	ND
N-[3-()] (N-AP-FHxSA)	50598-28-2	1	mg/kg	0.010	ND
2-[[()]] (N-MeFHSEA)	67584-57-0	1	mg/kg	0.200	ND
2-[[()]]	67584-61-6	1	mg/kg	0.200	ND
2-[[()]]	67906-70-1	1	mg/kg	0.200	ND
-N- (2-)-N- (MeFHxSE)	68555-75-9	1	mg/kg	0.010	ND
N- -N-[()] (EtFHxSAA), ^	68957-32-4	1	mg/kg	0.010	ND
PFHxS	-	1	mg/kg	-	ND
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(1) 2023 10 8 8fi ! 0 1 " ©ª K O 1 « ' - " - ® (EU)2023/1608(, ! 6 - ° 2023 10 5 30fi - ® G (, (EU)2019/10212 ± I? N K @ A ² C D E (PFHxS)³ 5 F Q PFHxSMN O < 9 § i U

PFHxS 4 5 F	9 : = ; < 9 ! 9 >	0.025 mg/kg
PFHxSMN 9 :	9 : = ; < 9 ! 9 >	1 mg/kg (i ½ = PFHxSMN 9 : P Q)
PFHxS 4 5 F Q PFHxSMN O < 9	H ¾ Ć Ć Ć ; < 9	0.1 mg/kg (3 Ć Ć Ć Ć Ç È É L * Ć)

N,N,N-r e _ e u @ A ² _ D E F (PFHxS-N(C ₂ H ₅) ₄)	108427-55-0
@ A ² _ D E z g " } ç β < 9 (PFHxS-NC ₄ H ₉)	1187817-57-7
@ A -1-2 _ D E -N-[4-[[4-(d e _ † _)w_] [4-(e _ † _)-1-è _]é i _]-2,5-è ² d , -1-é _]-N-e _ -e c F (PFHxS-(NC ₁₀ H ₁₄) ₃ C ₅ H ₄)	1310480-24-0
@ A -1-2 _ D E -N-[4-[[4-(d i _ † _)w_] [4-(e _ † _)-1-è _]é i _]-2,5-è ² d , -1-é _]-N-i _ -i _ c F (PFHxS-(NC ₈ H ₁₀) ₂ C ₁₃ H ₁₂)	1310480-27-3
@ A -1-2 _ D E -N-[4-[[4-(d i _ † _)w_] [4-(w _ † _)-1-è _]é i _]-2,5-è ² d , -1-é _]-N-i _ -i _ c F (PFHxS-(NC ₈ H ₁₀) ₂ C ₁₇ H ₁₂)	1310480-28-4
@ A ² _ D E z -è è ì β < 9 (PFHxS-C ₄₂ H ₇₀ O ₃₅)	1329995-45-0
@ A ² _ D E z -è è ì β < 9 (PFHxS-C ₄₈ H ₈₀ O ₄₀)	1329995-69-8
@ A ² _ D E r w _ í y F (TPS-PFHxS)	144116-10-9
@ A ² _ D E î ï , 1-(ð i _)-4-[2-[4-[4-(2,2-d w _ ñ ò _)w_]-1,2,3a,4,8b- " è t ó [b]ô ò -7- _]e , _]F (PFHxS-C ₄₄ H ₃₇ N ₂ O ₂)	1462414-59-0
@ A ² _ D E d w _ x y F (PFHxS-I(C ₆ H ₅) ₂)	153443-35-7
N,N,N-r i _ -@ A ² _ D E i _ c F (PFHxS-TMA)	189274-31-5
@ A ² _ D E z 2-i _ -2-s u β < 9 (1:1)(PFHxS-NH ₂ (CH ₃) ₃)	202189-84-2
@ A ² _ D E I [4-(1,1-d i _ e _)w_]x y F (PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	213740-81-9
@ A ² _ D E ö (9Cl)(PFHxS-Ga)	341035-71-0
@ A ² _ D E I (4-i _ w _)w _ í y F (1:1)(PFHxS-S(C ₇ H ₇) ₂ C ₆ H ₅)	341548-85-4
@ A ² _ D E ÷ (PFHxS-Sc)	350836-93-0
@ A ² _ D E ø (PFHxS-Nd)	41184-65-0
@ A ² _ D E ù (PFHxS-Y)	41242-12-0
@ A ² _ D E (í ú d -4,1-é w _)I [d w _]í y F (PFHxS-S ₃ (C ₆ H ₅) ₄ (C ₆ H ₄) ₂)	421555-73-9
@ A ² _ D E I [4-(1,1-d i _ s _)w_]x y F (PFHxS-I(C ₆ H ₄) ₂ (C ₅ H ₁₁) ₂)	421555-74-0
@ A ² _ D k A (PFHxS-F)	423-50-7
@ A ² _ D E r [4-(1,1-d i _ e _)w_]í y F (PFHxS-S(C ₆ H ₄) ₃ (C ₄ H ₉) ₃)	425670-70-8
@ A ² _ D E ù (PFHxS-Zn)	70136-72-0
@ A ² _ D E z 2,2'-é † d e f β < 9 (PFHxS-NH(C ₂ H ₅ O) ₂)	70225-16-0
@ A ² _ D E z r e u β < 9 (1:1)(PFHxS-N(C ₂ H ₅) ₃)	72033-41-1
@ A ² _ D E I [(1,1-d i _ e _)w_]x y F (PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	866621-50-3
@ A ² _ D E (4-i _ w _)d w í y F (PFHxS-S(C ₆ H ₅) ₂ C ₇ H ₇)	910606-39-2
@ A ² _ D E [4-[(2-i _ -1-f ú -2-s , k)f _]w_]d w _ í y F (PFHxS-S(C ₆ H ₅) ₂ C ₁₀ H ₉ O ₂)	911027-68-4
@ A ² _ D E Š (1:1)(PFHxS-Cs)	92011-17-1
d w ó [k,n][1,4,7,13]g f ù í è t d , ,19-[4-(1,1-d i _ e _)w_]-	928049-42-7

6,7,9,10,12,13- " -, @ A 2 _ D E F (PFHxS-SC ₂₈ H ₃₁ O ₄)	
@ A 2 _ D k ... (PFHxS-Cl)	55591-23-6
PFHxS-D E v - < 9	911027-69-5
@ A 2 _ D E F	108427-53-8
@ A 2 _ D E g j _ ~ (PFHxS-P(C ₄ H ₉) ₄)	2310194-12-6
EtFHxSAA	
N-e _ -N-[(mr A 2 _)D k _]† ‡ E (EtFHxSAA)	68957-32-4
N-e _ -N-[(mr A 2 _)D k _]† ‡ E ` (EtFHxSAA-K)	67584-53-6
N-e _ -N-((mr A 2 _)D k _)† ‡ E b (EtFHxSAA-Na)	68555-70-4

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Table 1: POPs b I (EU) 2019/1021 mn I-E w{ u ~

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GC-ECD

GC-MS

	CAS No.		MDL	A1	
	87-68-3	mg/kg	5	ND	
	608-93-5	mg/kg	5	ND	
(PCBs)	1336-36-3	mg/kg	0.2	ND	
(PCNs)	70776-03-3	mg/kg	5	ND	
	36355-01-8	mg/kg	5	ND	
	40088-47-9	-	mg/kg	5	ND
	32534-81-9	-	mg/kg	5	ND
	36483-60-0	-	mg/kg	5	ND
	68928-80-3	-	mg/kg	5	ND
(decaBDE)	1163-19-5	-	mg/kg	5	ND
*	-	500	mg/kg	-	ND
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(4) 96/59/EC
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0.005%	0.05	

J k POPs (EU) (EU) 2019/1021 mn I H o p q b l (EU) 2025/843- UV-328

Y Z a b / SGS GC-MS A GC- GC

	CAS No.		MDL	A1
UV-328	25973-55-1	100	mg/kg	1
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(1) POPs (EU) 2019/1021 I (EU) 2025/843 UV-328

(UTC) UTC

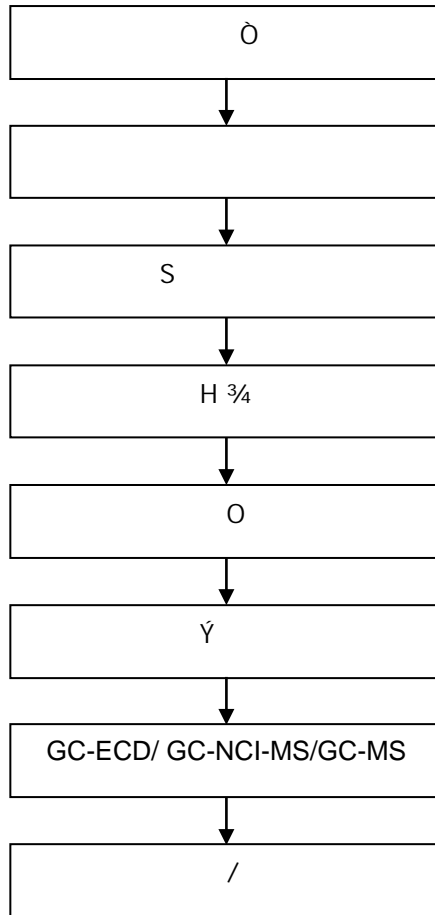
	y U ³	Û o I Â	Ö x	Å Æ X \
		100 mg/kg		2025.8.4
UV-328		10 mg/kg		2027.8.4
		1.0 mg/kg		2029.8.4



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PFASs/ PFOS/PFOA

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