



134

RoHS 2.0

33

REACH XVII

PFOA PFOS PFCA  
(PAHs)

(POPs)  
ODCs)

TSCA  
PFAS

1) : 134



(DMFu)	N.D.		2010/153/EC
	N.D.		ChemVerbotsV GB 18401-2003/2005 GB 20400-2006
	N.D.		REACH 1907/2006
(HBCDD)	N.D.		2004/850/EU EU 2019/1021 POPs
(Cd + Cr (VI) + Hg + Pb)	: Pb+Hg+Cd+Cr <sup>6+</sup> <50 ppm Cd<5 ppm, Pb<45 ppm, Cr <sup>6+</sup>		94/62/EC

	N.D.		REACH 1907/2006
	N.D.		REACH 1907/2006
	N.D.		CA DTSC
	N.D.		

/

800 ppm

65

REACH 1907/2006

2011/65/EU



Group I	1000 ppm		
Group II			

N.D.

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1000 ppm

(EDTA)			
(AEEA)			
(2,3- )-	N.D.		
-1-(2- )	N.D.		
(PFAS)			<a href="https://comptox.epa.gov/dashboard/chemical-lists">https://comptox.epa.gov/dashboard/chemical-lists</a>

PFOA

MOSH 16-35	N.D.		
	N.D.		
	5 ppm		
	0.5 ppm / (GC/MS)	PCBA	
	50PPM	50PPM F CAS	
	900 ppm 1500 ppm(Br+Cl)		
- (DBB)	1000PPM		
N- (NMP)			
	1000PPM		
	10 ppm		

		1000 ppm		
4-[4,4'-	- ]	-2,5-	-1-	
]	(C.I. 3)	1000 ppm		

2) : 37



Group I

1000 ppm

IEC 62474			IEC 62474

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(PQL) (

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REACH Candidate List of SVHCs (REACH SVHC )	1000 ppm		ECHA <a href="http://echa.europa.eu/candidate-list-table">http://echa.europa.eu/candidate-list-table</a>
(PIP (3:1))			

3) 33

			NIOSH
		EMI ( ) ( )	OSHA PEL (2006 ) GBZ 2.1 2007
			ACGIH; GBZ 2.1 2007
N- (NMP)			AIHA TWA California OSHA
(nPB)			
(ODCs)			EC No. 2037/2000
			ACGIH (2015)
			NIOSH
			NIOSH

			NIOSH
			NIOSH
			NIOSH
			NIOSH
			NIOSH
	(CFCs HCFCs HFCs PFCs SF6)		(EC) No 842/2006 (EC) No.1005/2009
			ACGIH; GBZ 2.1 2007;
2-			ACGIH; GBZ 2.1 2007;
2-			ACGIH; GBZ 2.1 2007;
			ACGIH; GBZ 2.1 2007;
N N			ACGIH; GBZ 2.1 2007;
			ACGIH; GBZ 2.1 2007;
			ACGIH; GBZ 2.1 2007;
			ACGIH; GBZ 2.1 2007;
2-			ACGIH; GBZ 2.1 2007;

/	1000 ppm	T	
PIP3 1	N.D.		

4) : 20

	( )	( )	NIOSH
	( )	( )	
	( )	( )	
	( )	( )	ACGIH; GBZ 2.1 2007

N- (NMP)

	( )	( )	ACGIH; GBZ 2.1 2007;
	( )	( )	ACGIH; GBZ 2.1 2007;
2-	( )	( )	ACGIH; GBZ 2.1 2007;
	( )	( )	ACGIH; GBZ 2.1 2007;
	( )	( )	ACGIH; GBZ 2.1 2007;
	( )		
(HF)	( )		
	( )		