


PET
2019.03.13
2019.03.13-2019.03.20

, (EC) No 1907/2006(REACH), 197
(SVHC) .

, 197 SVHC 0.1% w/w

张彩霞

岑丹娜

 靖涛

2019.03.20

			CAS	EC	(%)	
I	1		120-12-7	204-371-1	N.D.	0.005%
I	2	-	101-77-9	202-974-4	N.D.	0.005%
I	3	(DBP)	84-74-2	201-557-4	N.D.	0.005%
I	4	*	7646-79-9	231-589-4	N.D.	0.01%
I	5	*	1303-28-2	215-116-9	N.D.	0.01%
I	6	*	1327-53-3	215-481-4	N.D.	0.01%
I	7	*	7789-12-0 10588-01-9	234-190-3	N.D.	0.01%
I	8		81-15-2	201-329-4	N.D.	0.005%
I	9	(2-) (DEHP)	117-81-7	204-211-0	N.D.	0.005%
I	10	(HBCDD)	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	247-148-4 221-695-9	N.D.	0.005%
I	11	(SCCPs)	85535-84-8	287-476-5	N.D.	0.01%
I	12	(TBTO)*	56-35-9	200-268-0	N.D.	0.005%
I	13	*	7784-40-9	232-064-2	N.D.	0.01%
I	14	(BBP)	85-68-7	201-622-7	N.D.	0.005%
I	15	*	15606-95-8	427-700-2	N.D.	0.01%
II	16		90640-80-5	292-602-7	N.D.	0.05%
II	17	, , *****	91995-17-4	295-278-5	N.D.	0.05%
II	18	, ,	91995-15-2	295-275-9	N.D.	0.05%
II	19	,	90640-82-7	292-604-8	N.D.	0.05%
II	20	,	90640-81-6	292-603-2	N.D.	0.05%
II	21	,	65996-93-2	266-028-2	N.D.	0.05%
II	22		79-06-1	201-173-7	N.D.	0.01%
II	23	2,41 0 0 1 326.11 200g (ex				

			CAS	EC	(%)	
III	30	*	10043-35-3 11113-50-1	233-139-2 234-343-4	N.D.	0.01%
III	31	*****	1330-43-4 12179-04-3 1303-96-4	215-540-4	N.D.	0.01%
III	32	*****	12267-73-1	235-541-3	N.D.	0.01%
III	33	*	7775-11-3	231-889-5	N.D.	0.01%
III	34	*	7789-00-6	232-140-5	N.D.	0.01%
III	35	*	7789-09-5	232-143-1	N.D.	0.01%
III	36	*	7778-50-9	231-906-6	N.D.	0.01%
IV	37	*	10124-43-3	233-334-2	N.D.	0.01%
IV	38	*	10141-05-6	233-402-1	N.D.	0.01%
IV	39	*	513-79-1	208-169-4	N.D.	0.01%
IV	40	*	71-48-7	200-755-8	N.D.	0.01%
IV	41		109-86-4	203-713-7	N.D.	0.005%
IV	42		110-80-5	203-804-1	N.D.	0.005%
IV	43	*	1333-82-0	215-607-8	N.D.	0.01%
IV	44	*	7738-94-5 13530-68-2	231-801-5 236-881-5	N.D.	0.01%
V	45		111-15-9	203-839-2	N.D.	0.01%
V	46	*	7789-06-2	232-142-6	N.D.	0.01%
V	47	1,2- - (C7-11) ()	68515-42-4	271-084-6	N.D.	0.01%
V	48		7803-57-8 302-01-2	206-114-9	N.D.	0.01%
V	49	N-	872-50-4	212-828-1	N.D.	0.01%
V	50	1,2,3-	96-18-4	202-486-1	N.D.	0.01%
V	51	C6-8 (C7)	71888-89-6	276-158-1	N.D.	0.01%
VI	52	*	24613-89-6	246-356-2	N.D.	0.01%
VI	53	*	11103-86-9	234-329-8	N.D.	0.01%
VI	54	*	49663-84-5	256-418-0	N.D.	0.01%
VI	55	**	-	-	N.D.	0.05%
VI	56	**	-	-	N.D.	0.05%
VI	57		25214-70-4	500-036-1	N.D.	0.01%
VI	58		117-82-8	204-212-6	N.D.	0.005%

			CAS	EC	(%)	
VI	59	2- ()	90-04-0	201-963-1	N.D.	0.005%
VI	60	4-(1,1,3,3-) ()	140-66-9	205-426-2	N.D.	0.005%
VI	61	1,2-	107-06-2	203-458-1	N.D.	0.005%
VI	62	(2-) ()	111-96-6	203-924-4	N.D.	0.005%
VI	63	*	7778-39-4	231-901-9	N.D.	0.01%
VI	64	*	7778-44-1	231-904-5	N.D.	0.01%
VI	65	*	3687-31-8	222-979-5	N.D.	0.01%
VI	66	N,N- (DMAC)	127-19-5	204-826-4	N.D.	0.005%
VI	67	- (2-)				

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			CAS	EC	(%)	
VIII	112	*	51404-69-4	257-175-3	N.D.	0.01%
VIII	113		77-78-1	201-058-1	N.D.	0.05%
VIII	114		110-00-9	203-727-3	N.D.	0.05%
VIII	115	41*	8012-00-8	232-382-1	N.D.	0.01%
VIII	116	*	78-00-2	201-075-4	N.D.	0.01%
VIII	117	*	69011-06-9	273-688-5	N.D.	0.01%
VIII	118		64-67-5	200-589-6	N.D.	0.05%
VIII	119	*	20837-86-9	244-073-9	N.D.	0.01%
VIII	120	*	68784-75-8	272-271-5	N.D.	0.01%
VIII	121	*	12141-20-7	235-252-2	N.D.	0.01%
VIII	122		95-53-4	202-429-0	N.D.	0.05%
VIII	123		97-56-3	202-591-2	N.D.	0.05%
VIII	124	4-	60-09-3	200-453-6	N.D.	0.05%
VIII	125	6- -	120-71-8	204-419-1	N.D.	0.05%
VIII	126	*	683-18-1	211-670-0	N.D.	0.05%
VIII	127	*	12626-81-2	235-727-4	N.D.	0.01%
VIII	128		75-56-9	200-879-2	N.D.	0.05%
VIII	129	1-	106-94-5	203-445-0	N.D.	0.05%
VIII	130	*	1319-46-6	215-290-6	N.D.	0.01%
VIII	131	C16-18- *	91031-62-8	292-966-7	N.D.	0.01%
VIII	132	*	1314-41-6	215-235-6	N.D.	0.01%
VIII	133	(II)*	62229-08-7	263-467-1	N.D.	0.01%
VIII	134	-	101-80-4	202-977-0	N.D.	0.05%
VIII	135	*	12036-76-9	234-853-7	N.D.	0.01%
VIII	136	*	13814-96-5	237-486-0	N.D.	0.01%
VIII	137	*	11120-22-2	234-363-3	N.D.	0.01%
VIII	138	N,N-	68-12-2	200-679-5	N.D.	0.05%
IX	139		7440-43-9	231-152-8	N.D.	0.01%
IX	140	*	1306-19-0	215-146-2	N.D.	0.01%
IX	141	(DPP)	131-18-0	205-017-9	N.D.	0.01%
IX	142	4- / 9 4 UVCB / /	-	-	N.D.	0.05%

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CAS

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			CAS	EC	(%)	
XIII	163	5- -2-(2,4- -3- -1-)-5- -1,3- [1] 5- -2-(4,6- -3- -1-)-5- -1,3- [2] [[1] [2]]	-	-	N.D.	0.05%
XIV	164		98-95-3	202-716-0	N.D.	0.01%
XIV	165	2,4- - -6-(5- -2H- -2-) (UV-327)	3864-99-1	223-383-8	N.D.	0.01%
XIV	166	2-(2'- -3'- -5'-) (UV-350)	36437-37-3	253-037-1	N.D.	0.01%
XIV	167	1,3-	1120-71-4	214-317-9	N.D.	0.01%
XIV	168		375-95-1 21049-39-8 4149-60-4	206-801-3	N.D.	0.01%
XV	169	(a)	50-32-8	200-028-5	N.D.	0.01%
XVI	170	A (BPA)	80-05-7	201-245-8	N.D.	0.01%
XVI	171	(PFDA)	3108-42-7 335-76-2 3830-45-3	221-470-5 206-400-3 -	N.D.	0.01%
XVI	172	4-(1,1-) ()	80-46-6	201-280-9	N.D.	0.01%
XVI	173	4- () / 7 4 UVCB /)	-	-	N.D.	0.05%
XVII	174		-	-	N.D.	0.0005%
XVIII	175	()	-	-	N.D.	0.01%
XVIII	176	[a]	56-55-3 1718-53-2	200-280-6	N.D.	0.01%
XVIII	177	*	10325-94-7 10022-68-1	233-710-6	N.D.	0.01%

			CAS	EC	(%)	
XVIII	178	*	513-78-0	208-168-9	N.D.	0.01%
XVIII	179	*	21041-95-2	244-168-5	N.D.	0.01%
XVIII	180		218-01-9 1719-03-5	205-923-4	N.D.	0.01%
XVIII	181	1,3,4- 4- (RP-HP) -2,5- [4- 0.1% w/w]	-	-	N.D.	0.05%
XIX	182	(D4)	556-67-2	209-136-7	N.D.	0.01%
XIX	183	(D5)	541-02-6	208-764-9	N.D.	0.01%
XIX	184	(D6)	540-97-6	208-762-8	N.D.	0.01%
XIX	185		7439-92-1	231-100-4	N.D.	0.01%
XIX	186	*	12008-41-2	234-541-0	N.D.	0.01%
XIX	187	(g,h,i)	191-24-2	205-883-8	N.D.	0.01%
XIX	188		61788-32-7	262-967-7	N.D.	0.01%
XIX	189	(EDA)	107-15-3	203-468-6	N.D.	0.01%
XIX	190	(TMA)	552-30-7	209-008-0	N.D.	0.01%
XIX	191	(DCHP)	84-61-7	201-545-9	N.D.	0.01%
XX	192	4,4'-(1,3-)	6807-17-6	401-720-1	N.D.	0.01%
XX	193	[k]	207-08-9	205-916-6	N.D.	0.01%
XX	194		206-44-0	205-912-4	N.D.	0.01%
XX	195		85-01-8	201-581-5	N.D.	0.01%
XX	196		129-00-0	204-927-3	N.D.	0.01%
XX	197	1,7,7- [2,2,1] -3-() -2-	15087-24-8	239-139-9	N.D.	0.01%

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US 96160.48 96160.48 96160361 Tm0 g[(O) TET@MC /P A\MCID 466>Bg (enUS)>BDC BT1 01 Tm\MCID 495/Lag (enU

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1. w/w % = ; 0.1%=1000mg/kg =1000ppm

2. N.D. = ()

3. *:

(TBTO)	(DBTC)	- (2-) (DOTE)
- (2-) (DOTE)	(2-) (MOTE)	
((TBT)	(DBT)	(DOT) (MOT))

7
8
9
10
11
12

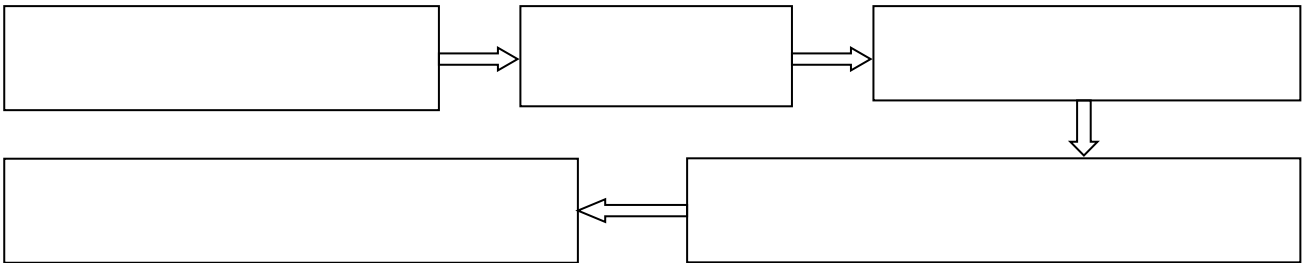
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1. REACH 1907/2006 33
0.1%
 - 1)
 - 2) 45

2. REACH 1907/2006 31 2

3. REACH 1907/2006 31 32 2
 - 1) 1999/45/EC
 - 2) 1999/45/EC

0.1% 0.2%



1.

2.

3.

4.

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