



A2190018938102021C

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2019.01.26

2019.01.26-2019.02.02

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

197

, 197 SVHC 0.1% w/w

张敬甫

夏建



新晴涛

2019.02.02

No. R179751623

			CAS	EC	(%)	
I	1		120-12-7	204-371-1	N.D.	0.005%
I	2	4,4'-	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%

			CAS	EC	(%)	
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.	

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			CAS		(%)	
VI	60	4-(1,1,3,3- ) ( )	140-66-9		N.D.	0.005%
VI	61	1,2-	107-06-2		N.D.	0.005%
VI	62	(2- ) ( )	111-96-6		N.D.	0.005%
VI	63	*	7778-39-4		N.D.	0.01%
VI	64	*	7778-44-1		N.D.	0.01%
	65	*	3687-31-8		N.D.	0.01%

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			CAS	EC	(%)	
		4- ,				
VIII	86	[REDACTED]				
VIII	87					

			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	4,4'-	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%

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IX 142

UVCB

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N.D.

0.05%

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			CAS	EC	(%)	
IX	143	(APFO)	3825-26-1	223-320-4	N.D.	0.01%
IX	144	(PFOA)	335-67-1	206-397-9	N.D.	0.01%
X	145	( )	25155-23-1	246-677-8	N.D.	0.01%
X	146	C.I. 38 ***	1937-37-7	217-710-3	N.D.	0.01%
X	147		84-75-3	201-559-5	N.D.	0.01%
X	148	*	1306-23-6	215-147-8	N.D.	0.01%
X	149	C.I. 28 ***	573-58-0	209-358-4	N.D.	0.01%
X	150	( )*	301-04-2	206-104-4	N.D.	0.01%
X	151	1,2-	96-45-7	202-506-9	N.D.	0.01%
XI	152	,	68515-50-4	271-093-5	N.D.	0.01%
XI	153	*	10108-64-2	233-296-7	N.D.	0.01%
XI	154	, ; *****	15120-21-5 11138-47-9	239-172-9 234-390-0	N.D.	0.01%
XI	155	, *****	7632-04-4	231-556-4	N.D.	0.01%
XII	156	2-(2H- -2- )-4,6- (UV328)	25973-55-1	247-384-8	N.D.	0.01%
XII	157	2-(2'- -3',5'- )- (UV-320)	3846-71-7	223-346-6	N.D.	0.01%
XII	158	- ( 2- ) (DOTE)*	15571-58-1	239-622-4	N.D.	0.05%
XII	159	*	7790-79-6	232-222-0	N.D.	0.01%
XII	160	*	10124-36-4 31119-53-6	233-331-6	N.D.	0.01%
XII	161	- ( 2- ) (DOTE) (2- ) (MOTE) *	-	-	N.D.	0.05%
XIII	162	1,2- 1,2- 0.3% (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	N.D.	0.05%

			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%

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			<b>CAS</b>	<b>EC</b>	<b>(%)</b>	
XVIII	178	*	513-78-0			

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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))

4. \*\*: CLP ( (EC)No 1272/2008) VI

650-017-00-8

5. \*\*\*: C.I.:

6. \*\*\*\*:

7. \*\*\*\*\*:

8. : (2,4- 4,4'- 2,6-

9. : UVCB ( )

10. :

11. : UVCB ( ) 0.1%  
4- 4-  
w/w MSDS

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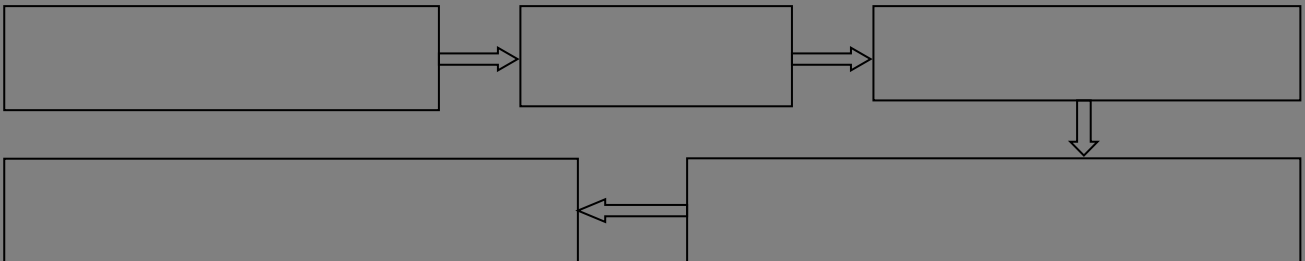
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1. REACH 1907/2006 33  
0.1%
  - 1)
  - 2) 45
2. REACH 1907/2006 31 2
3. REACH 1907/2006 31 32 2
  - 1) 1999/45/EC
  - 2) 1999/45/EC

0.1% 0.2%



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1.

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2.

CTI

3.

4.

CTI