

(SVHC)

SGS : TP17-004017 - TJ
: 2017 05 24
: 2017 05 24 - 2017 06 06
:
(i) 2017 1 12
(1907/2006 REACH) 173 (SVHC)

SVHC	≤ 0.1% (w/w)	
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Reabeca Zhou

: , SGS , . (The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed)



(SVHC)

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(1)

<http://echa.europa.eu/web/guest/candidate-list-table>

(2)

59	1907/2006 EC				57
(a)		0.1%	1 / /	7 4	(b)
	1907/2006 EC	33		57	59
	0.1%				

SGS REACH
<http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en>

(3)

SVHC

31 1907/2006 REACH

(4)

790/2009		0.1% (w/w) /	1272/2008 CLP	
(SDS)			1907/2006 REACH	
-	1272/2008 CLP			
-	1999/45/EC	1272/2008 CLP		
3	1999/45/EC 3 (3)		1272/2008 CLP	
-	1999/45/EC			
(a)			≥1 (w/w)	
(b) PBT vPvB	≥0.2		≥0.1 (w/w)	
(c)			≥0.1	





No. TSNEC1700935102

: 2017 06 06 3 , 15

(SVHC)

(w/w)
(d)

(5) SVHC
SVHC

SVHC

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SGS ID

SN1 TSN17-009351.001

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SGS - TJChemLab-TOP-004-4 TJChemLab-TOP-061 ICP-OES GC-MS UV-VIS
HPLC-DAD/MS

(SVHC)

: (SVHC)

		CAS No.	001 (%)	RL (%)
-	SVHC	-	ND	-

:

1. SVHC RL SVHC SVHC
2. RL = RL
ND = (< RL) ND SVHC
3. Δ (HBCDD) α-HBCDD β-HBCDD γ-HBCDD CAS NO
134237-50-6 134237-51-7 134237-52-8
☆ , 4- , 1- , 3-
CAS No: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No:
247-094-1, 243-072-0, 256-356-4, 260-566-1.
4. *

SGS REACH :

www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm

ICP-OES

- RL=0.005% ((VI)
) RL=0.0005% RL=0.0025%()
5. § (CAS No.: 90-94-8) (CAS No.: 101-61-1) ≥0.1%(w / w)
SVHC

(SVHC)
SVHC:

			CAS No.	RL (%)
I	1	4,4'- (MDA)	101-77-9	0.050
I	2	2,4,6- -5- ()	81-15-2	0.050
I	3	C10-13 ()	85535-84-8	0.050
I	4		120-12-7	0.050
I	5	(BBP)	85-68-7	0.050
I	6	(2-) (DEHP)	117-81-7	0.050
I	7	(TBTO)	56-35-9	0.050
I	8	*	7646-79-9	0.005
I	9	*	1303-28-2	0.005
I	10	*	1327-53-3	0.005
I	11	(DBP)	84-74-2	0.050
I	12	(HBCDD) (α-HBCDD, β-HBCDD, γ-HBCDD) Δ	25637-99-4, 3194- 55-6	0.050
I	13	*	7784-40-9	0.005
I	14	*	7789-12-0, 10588-01-9	0.005
I	15	*	15606-95-8	0.005
II	16	2,4-	121-14-2	0.050
II	17		79-06-1	0.050
II	18	*	90640-80-5	0.050
II	19	*	90640-81-6	0.050
II	20	*	91995-15-2	0.050

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SVHC:

			CAS No.	RL (%)
II	21	*	91995-17-4	0.050
II	22	*	90640-82-7	0.050
II	23		84-69-5	0.050
II	24	*	7758-97-6	0.005
II	25	(C.I. 104)*	12656-85-8	0.005
II	26	(C.I. 34)*	1344-37-2	0.005
II	27	*	65996-93-2	0.050
II	28	(2-)	115-96-8	0.050
III	29	*	7789-09-5	0.005
III	30	*	10043-35-3, 11113-50-1	0.005
III	31	*	1303-96-4, 1330-43-4, 12179-04-3	0.005
III	32	*	7789-00-6	0.005
III	33	*	7778-50-9	0.005
III	34	*	7775-11-3	0.005
III	35	*	12267-73-1	0.005
III	36		79-01-6	0.050
IV	37		110-80-5	0.050
IV	38		109-86-4	0.050
IV	39	, *	7738-94-5 - 13530-68-2	0.005

(SVHC)

SVHC:

			CAS No.	RL (%)
IV	40	*	1333-82-0	0.005
IV	41	*	513-79-1	0.005
IV	42	*	71-48-7	0.005
IV	43	*	10141-05-6	0.005
IV	44	*	10124-43-3	0.005
V	45	1,2,3-	96-18-4	0.050
V	46	1,2- - (C6-8) (C7)	71888-89-6	0.050
V	47	1,2- - (C7-11) ()	68515-42-4	0.050
V	48	1- -2-	872-50-4	0.050
V	49		111-15-9	0.050
V	50		7803-57-8, 302-01-2	0.050
V	51	*	7789-06-2	0.005
VI	52	1,2-	107-06-2	0.050
VI	53	4,4'- -3,3'-	101-14-4	0.050
VI	54	2-	90-04-0	0.050
VI	55		140-66-9	0.050
VI	56	*	650-017-00-8 (Index no.)	0.005
VI	57	*	7778-39-4	0.005
VI	58		111-96-6	0.050
VI	59		117-82-8	0.050

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SVHC:

			CAS No.	RL (%)
VI	60	*	7778-44-1	0.005
VI	61	*	24613-89-6	0.005
VI	62		25214-70-4	0.050
VI	63	*	13424-46-9	0.005
VI	64	*	6477-64-1	0.005
VI	65	*	15245-44-0	0.005
VI	66	N,N-	127-19-5	0.050
VI	67	*	49663-84-5	0.005
VI	68		77-09-8	0.050
VI	69	*	11103-86-9	0.005
VI	70	*	3687-31-8	0.005
VI	71	*	650-017-00-8 (Index no.)	0.005
VII	72	C.I. 26§	2580-56-5	0.050
VII	73	C.I. 3§	548-62-9	0.050
VII	74	(TEGDME)	112-49-2	0.050
VII	75	(EGDME)	110-71-4	0.050
VII	76	4,4'- () ()	90-94-8	0.050
VII	77	4,4'- ()-4''- §	561-41-1	0.050
VII	78	*	1303-86-2	0.005
VII	79		75-12-7	0.050

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SVHC:

			CAS No.	RL (%)
VII	80	*	17570-76-2	0.005
VII	81	N,N,N',N'-4,4'-()	101-61-1	0.050
VII	82	1,3,5-()-1,3,5-2,4,6-(1H, 3H,5H)- (TGIC)	2451-62-9	0.050
VII	83	C.I. 4§	6786-83-0	0.050
VII	84	1,3,5-[(2S 2R)-2,3-]-1,3,5-2,4,6-(1H, 3H, 5H)- (β-TGIC)	59653-74-6	0.050
VIII	85	*	69011-06-9	0.005
VIII	86	1,2- - ()	84777-06-0	0.050
VIII	87		629-14-1	0.050
VIII	88	1-	106-94-5	0.050
VIII	89	3- 2- 2-(3-)-1,3-恶唑	143860-04-2	0.050
VIII	90		-	0.050
VIII	91	4,4'- -3,3'-	838-88-0	0.050
VIII	92	4,4'-	101-80-4	0.050
VIII	93	4- 偶	60-09-3	0.050
VIII	94	2,4-	95-80-7	0.050
VIII	95	4-壬 ()	-	0.050
VIII	96	2- -5-	120-71-8	0.050
VIII	97	式 *	51404-69-4	0.005
VIII	98	4-	92-67-1	0.050
VIII	99	(DecaBDE)	1163-19-5	0.050

(SVHC)

SVHC:

			CAS No.	RL (%)
VIII	100	-1,2- 羧 ,顺式- -1,2- 羧 ,反式- -1,2- 羧	85-42-7, 13149-00-3, 14166-21-3	0.050
VIII	101	偶	123-77-3	0.050
VIII	102	(DBTC)	683-18-1	0.050
VIII	103		64-67-5	0.050
VIII	104		605-50-5	0.050
VIII	105		77-78-1	0.050
VIII	106	地乐	88-85-7	0.050
VIII	107	(八) *	12578-12-0	0.005
VIII	108	C16-18-脂肪 *	91031-62-8	0.005
VIII	109	呋喃	110-00-9	0.050
VIII	110		2058-94-8	0.050
VIII	111		376-06-7	0.050
VIII	112	,4- ,1- ,3-	☆	0.050
VIII	113	*	13814-96-5	0.005
VIII	114	氰 *	20837-86-9	0.005
VIII	115	*	10099-74-8	0.005
VIII	116	*	1317-36-8	0.005
VIII	117	式 *	12036-76-9	0.005
VIII	118	*	1314-41-6	0.005
VIII	119	*	12060-00-3	0.005

(SVHC)

SVHC:

			CAS No.	RL (%)
VIII	120	*	12626-81-2	0.005
VIII	121		625-45-6	0.050
VIII	122	1,2-	75-56-9	0.050
VIII	123	N,N-	68-12-2	0.050
VIII	124	N-	79-16-3	0.050
VIII	125	正	776297-69-9	0.050
VIII	126	- 偶	97-56-3	0.050
VIII	127	2-	95-53-4	0.050
VIII	128		72629-94-8	0.050
VIII	129	*	12065-90-6	0.005
VIII	130	*	8012-00-8	0.005
VIII	131	掺杂 *	68784-75-8	0.005
VIII	132	*	11120-22-2	0.005
VIII	133	式亚 *	62229-08-7	0.005
VIII	134	*	78-00-2	0.005
VIII	135	*	12202-17-4	0.005
VIII	136		307-55-1	0.050
VIII	137	式 *	1319-46-6	0.005
VIII	138	式亚 *	12141-20-7	0.005
IX	139	4-壬 ()	-	0.050
IX	140	(APFO)	3825-26-1	0.050

(SVHC)

SVHC:

			CAS No.	RL (%)
IX	141	*	1306-19-0	0.005
IX	142	*	7440-43-9	0.005
IX	143	正 (DPP)	131-18-0	0.050
IX	144	(PFOA)	335-67-1	0.050
X	145	*	1306-23-6	0.005
X	146	正	84-75-3	0.050
X	147	C.I. 28	573-58-0	0.050
X	148	C.I. 黑38	1937-37-7	0.050
X	149	2-巯 咪唑啉	96-45-7	0.050
X	150	*	301-04-2	0.005
X	151		25155-23-1	0.050
XI	152	()	68515-50-4	0.050
XI	153	*	10108-64-2	0.005
XI	154	*	-	0.005
XI	155	*	7632-04-4	0.005
XII	156	2-(2H- 唑-2-)-4,6- (UV-328)	25973-55-1	0.050
XII	157	2- 唑-2- -4,6- (UV-320)	3846-71-7	0.050
XII	158	正 - (2- 硫) (DOTE)	15571-58-1	0.050
XII	159	*	7790-79-6	0.005
XII	160	*	10124-36-4, 31119-53-6	0.005

(SVHC)

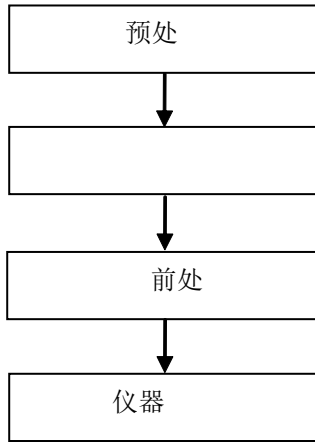
SVHC:

			CAS No.	RL (%)
XII	161	正 - (2- 硫) (DOTE) - (2- 硫) (MOTE) 反	-	0.050
XIII	162	1,2- , (C6-10) / 1,2- , 癸 , ≥0.3%	68515-51-5, 68648-93-1	0.050
XIII	163	5- 级 -2-(2,4- -3- -1-)-5- -1,3- 恶 [1] 5- 级 -2-(4,6- -3- -1-)-5- -1,3- 恶 [2] [1] [2] 意 独]	-	0.050
XIV	164	1,3-	1120-71-4	0.050
XIV	165	2,4- -6-(5- 唑-2-) (UV-327)	3864-99-1	0.050
XIV	166	2-(2H- 唑-2-)-4- -6-仲 (UV-350)	36437-37-3	0.050
XIV	167		98-95-3	0.050
XIV	168	壬	375-95-1, 21049-39-8, 4149-60-4	0.050
XV	169	(a)萘	50-32-8	0.050
XVI	170	4,4'- 亚 A	80-05-7	0.050
XVI	171	4-庚 ()	-	0.050
XVI	172	癸 PFDA	3108-42-7, 335-76-2, 3830-45-3	0.050
XVI	173		80-46-6	0.050

(SVHC)

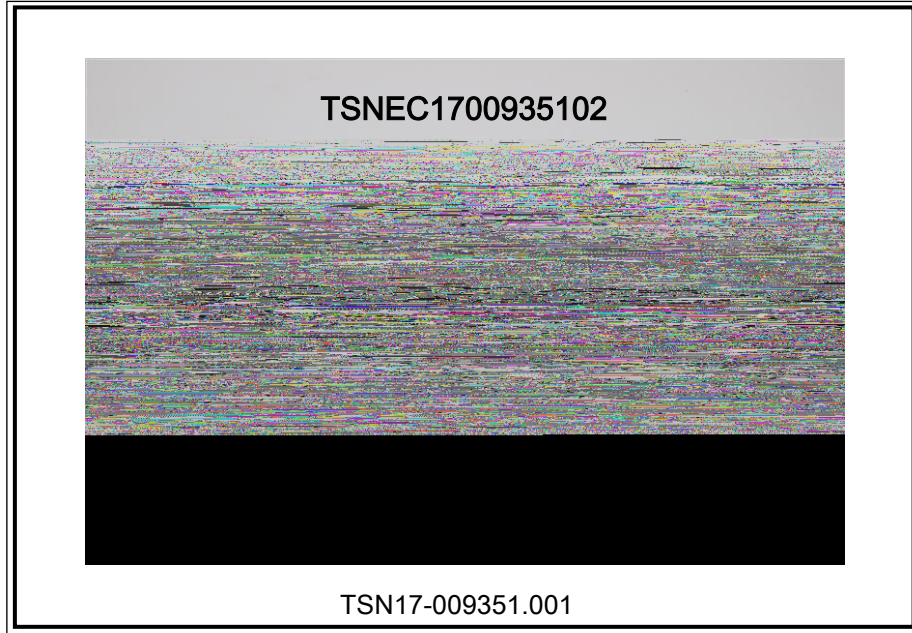
SVHC 流程图

- 1) 张盼/王
- 2) 项目负责 王 强/朱敏



(SVHC)

照片:



照片 随SGS正

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