

Table 2-21

A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Grip strength (Week 4)

Sex	Dose mg/kg		Fore limb g	Hind limb g
Male	0	No.	12	12
		Mean	806	483
		S.D.	110	125
	8	No.	6	6
		Mean	822	482
		S.D.	238	143
	30	No.	6	6
		Mean	909	584
		S.D.	145	35
	125	No.	12	12
		Mean	902	442
		S.D.	120	120
Female	0	No.	12	12
		Mean	796	571
		S.D.	134	138
	8	No.	6	6
		Mean	758	536
		S.D.	29	185
	30	No.	6	6
		Mean	702	578
		S.D.	158	152
	125	No.	12	12
		Mean	715	522
		S.D.	115	139

No significant difference in any treated groups from control group.

Table 2-22 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
 Grip strength (Week 2 of recovery)

Sex	Dose mg/kg		Fore limb g	Hind limb g
Male	0	No.	6	6
		Mean	1232	691
		S.D.	103	30
	125	No.	6	6
		Mean	1177	640
		S.D.	234	120
Female	0	No.	6	6
		Mean	932	570
		S.D.	97	117
	125	No.	6	6
		Mean	1043	646
		S.D.	98	98

No significant difference between treated group and control group.

Table 2-23

A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
 Motor activity (Week 4)

Sex	Dose mg/kg		Interval (minutes)						Total(0-60)
			0-10	10-20	20-30	30-40	40-50	50-60	
Male	0	No.	12	12	12	12	12	12	12
		Mean	393	309	271	190	151	158	1472
		S.D.	66	93	141	137	140	141	589
	8	No.	6	6	6	6	6	6	6
		Mean	368	322	183	140	138	74	1224
		S.D.	65	54	86	157	151	87	474
	30	No.	6	6	6	6	6	6	6
		Mean	429	370	324	291	169	68	1650
		S.D.	49	57	57	53	106	85	193
	125	No.	12	12	12	12	12	12	12
		Mean	396	357	310	253	236	213	1765
		S.D.	52	45	81	116	122	133	426
Female	0	No.	12	12	12	12	12	12	12
		Mean	447	339	280	219	135	73	1493
		S.D.	66	78	102	108	125	96	364
	8	No.	6	6	6	6	6	6	6
		Mean	420	297	211	228	165	174	1495
		S.D.	54	104	149	143	93	112	547
	30	No.	6	6	6	6	6	6	6
		Mean	398	347	294	249	219	173	1679
		S.D.	47	75	48	123	129	91	319
	125	No.	12	12	12	12	12	12	12
		Mean	428	339	303	248	199	191*	1707
		S.D.	46	55	80	78	116	112D	363

* : p<0.05 (Significant difference from control group)

D : Dunnett's test

Table 2-24 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Motor activity (Week 2 of recovery)

Sex	Dose mg/kg		Interval (minutes)						
			0-10	10-20	20-30	30-40	40-50	50-60	Total(0-60)
Male	0	No.	6	6	6	6	6	6	6
		Mean	391	319	268	214	239	164	1595
		S.D.	20	44	85	57	70	145	254
	125	No.	6	6	6	6	6	6	6
		Mean	401	281	248	265	247	262	1704
		S.D.	39	78	57	62	110	77	222
Female	0	No.	6	6	6	6	6	6	6
		Mean	370	306	264	248	180	94	1461
		S.D.	58	47	50	101	69	63	250
	125	No.	6	6	6	6	6	6	6
		Mean	360	335	294	244	212	210*	1654
		S.D.	21	40	70	101	110	88T	341

* : p<0.05 (Significant difference from control group)
T : Student's t-test

Table 3-1 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Body weight (Administration period)

Sex	Dose mg/kg		Day of administration								Gain 1-28	
			1	4	7	10	14	17	21	24		28
Male	0	No.	12	12	12	12	12	12	12	12	12	12
		Mean	206	232	259	280	311	329	355	367	390	184
		S.D.	7	10	14	18	24	29	32	34	36	32
	8	No.	6	6	6	6	6	6	6	6	6	6
		Mean	206	228	251	270	295	307	329	337	351	145*
		S.D.	7	9	13	18	27	31	36	39	42	37D
	30	No.	6	6	6	6	6	6	6	6	6	6
		Mean	206	234	260	284	318	340	367	380	398	192
		S.D.	7	8	11	11	14	16	18	21	25	20
	125	No.	12	12	12	12	12	12	12	12	12	12
		Mean	205	229	254	274	304	321	345	355	372	167
		S.D.	7	8	11	14	19	22	25	28	31	26
Female	0	No.	12	12	12	12	12	12	12	12	12	12
		Mean	165	174	186	196	212	215	228	237	246	81
		S.D.	8	8	8	10	12	16	18	17	18	13
	8	No.	6	6	6	6	6	6	6	6	6	6
		Mean	165	171	184	193	206	213	224	231	238	74
		S.D.	8	13	16	16	17	18	23	24	23	16
	30	No.	6	6	6	6	6	6	6	6	6	6
		Mean	162	172	183	193	208	208	222	237	243	81
		S.D.	9	11	14	13	12	8	9	14	15	12
	125	No.	12	12	12	12	12	12	12	12	12	12
		Mean	163	171	186	196	211	215	228	235	240	77
		S.D.	6	7	10	11	14	14	17	17	18	14

Unit : g

* : p<0.05 (Significant difference from control group)

D : Dunnett's test

Table 3-2 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Body weight (Recovery period)

Sex	Dose mg/kg		Day of recovery					Gain 1-14
			1	3	7	10	14	
Male	0	No.	6	6	6	6	6	6
		Mean	396	403	423	437	449	53
		S.D.	45	45	49	49	53	9
	125	No.	6	6	6	6	6	6
		Mean	387	395	412	426	441	54
		S.D.	35	36	37	38	38	6
Female	0	No.	6	6	6	6	6	6
		Mean	238	248	253	260	264	26
		S.D.	16	17	18	20	22	7
	125	No.	6	6	6	6	6	6
		Mean	252	259	266	272	279	28
		S.D.	18	19	21	24	25	9

Unit : g

No significant difference between treated group and control group.

Table 4-1 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Food consumption (Administration period)

Sex	Dose mg/kg		Day of administration								
			1	4	7	10	14	17	21	24	28
Male	0	No.	12	12	12	12	12	12	12	12	12
		Mean	24	23	24	25	24	23	24	21	23
		S.D.	1	2	2	2	3	3	3	2	2
	8	No.	6	6	6	6	6	6	6	6	6
		Mean	23	22	23	22*	22	21	22	19	20
		S.D.	2	2	2	2D	3	3	3	3	3
	30	No.	6	6	6	6	6	6	6	6	6
		Mean	23	23	23	24	25	24	24	22	24
		S.D.	2	2	2	2	2	2	2	2	3
	125	No.	12	12	12	12	12	12	12	12	12
		Mean	24	23	24	23	24	23	24	21	22
		S.D.	1	2	2	2	3	3	2	3	3
Female	0	No.	12	12	12	12	12	12	12	12	12
		Mean	18	16	17	17	17	16	18	17	17
		S.D.	2	1	2	2	2	2	2	2	2
	8	No.	6	6	6	6	6	6	6	6	6
		Mean	19	16	17	16	16	16	17	17	18
		S.D.	2	3	2	2	2	2	3	3	4
	30	No.	6	6	6	6	6	6	6	6	6
		Mean	18	17	17	17	18	16	18	19	17
		S.D.	2	2	2	2	1	1	2	2	1
	125	No.	12	12	12	12	12	12	12	12	12
		Mean	18	16	17	17	17	17	18	17	17
		S.D.	3	1	2	2	2	2	2	2	2

Unit : g/rat/day

* : p<0.05 (Significant difference from control group)

D : Dunnett's test

Table 4-2 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Food consumption (Recovery period)

Sex	Dose mg/kg		Day of recovery			
			3	7	10	14
Male	0	No.	6	6	6	6
		Mean	27	28	28	27
		S.D.	4	4	3	3
	125	No.	6	6	6	6
		Mean	27	28	28	28
		S.D.	2	3	3	3
Female	0	No.	6	6	6	6
		Mean	21	20	20	19
		S.D.	2	1	1	1
	125	No.	6	6	6	6
		Mean	23	22	21	21*
		S.D.	3	2	3	2T

Unit : g/rat/day

* : p<0.05 (Significant difference from control group)

T : Student's t-test

Table 5-1 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Urinalysis (Week 4)

Sex	Dose mg/kg	No.	pH									1) Protein					2) Ketone body					3) Glucose							
			5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	-	+-	+	++	+++	++++	-	+-	+	++	+++	++++	-	+-	+	++	+++	++++
Male	0	12	0	0	0	0	1	2	2	7	0	1	3	6	2	0	0	0	4	8	0	0	0	12	0	0	0	0	0
	8	6	0	0	0	1	1	2	1	1	0	0	0	5	1	0	0	1	4	1	0	0	0	6	0	0	0	0	0
	30	6	0	0	0	0	0	1	3	2	0	0	0	6	0	0	0	1	2	3	0	0	0	6	0	0	0	0	0
	125	12	0	0	1	5	0	2	3	1	0	1	2	6	3	0	0	1	2	9	0	0	0	12	0	0	0	0	0
Female	0	12	0	0	0	4	4	3	1	0	0	4	2	6	0	0	0	3	3	6	0	0	0	12	0	0	0	0	0
	8	6	0	0	0	2	1	1	2	0	0	1	2	2	1	0	0	1	2	3	0	0	0	6	0	0	0	0	0
	30	6	0	0	1	4	1	0	0	0	0	1	2	2	0	1	0	1	1	4	0	0	0	6	0	0	0	0	0
	125	12	0	0	1	10	0	1	0	0	0	4	2	4	2	0	0	3	3	6	0	0	0	12	0	0	0	0	0
1)	-	<10 mg/dL	+-	: 10 - 25 mg/dL	+	: 26 - 85 mg/dL	++	: 86 - 250 mg/dL	+++	: 251 - 600 mg/dL	++++	: >600 mg/dL																	
2)	-	<5 mg/dL	+-	: 5 - 7.5 mg/dL	+	: 7.6 - 30 mg/dL	++	: 31 - 70 mg/dL	+++	: 71 - 125 mg/dL	++++	: >125 mg/dL																	
3)	-	<30 mg/dL	+-	: 30 - 60 mg/dL	+	: 61 - 125 mg/dL	++	: 126 - 250 mg/dL	+++	: 251 - 750 mg/dL	++++	: >750 mg/dL																	

Table 5-2 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Urinalysis (Week 4)

Sex	Dose mg/kg	No.	4) Occult blood				5) Bilirubin					6) Urobilinogen				7) Color				
			-	+-	+	++	+++	-	+	++	+++	++++	+-	+	++	+++	++++	LY	Y	DY
Male	0	12	12	0	0	0	0	11	1	0	0	0	10	1	1	0	0	0	12	0
	8	6	5	0	1	0	0	6	0	0	0	0	5	1	0	0	0	0	6	0
	30	6	5	1	0	0	0	6	0	0	0	0	5	1	0	0	0	0	6	0
	125	12	6	3	2	0	1	12	0	0	0	0	11	1	0	0	0	0	12	0
Female	0	12	12	0	0	0	0	10	2	0	0	0	8	4	0	0	0	0	12	0
	8	6	6	0	0	0	0	6	0	0	0	0	4	2	0	0	0	0	6	0
	30	6	6	0	0	0	0	6	0	0	0	0	5	1	0	0	0	0	6	0
	125	12	12	0	0	0	0	12	0	0	0	0	9	3	0	0	0	0	12	0

4) - : <0.03 mg/dL +- : 0.03 - 0.05 mg/dL + : 0.06 - 0.15 mg/dL ++ : 0.16 - 0.75 mg/dL +++ : >0.75 mg/dL
5) - : <0.5 mg/dL + : 0.5 - 1.5 mg/dL ++ : 1.6 - 5.0 mg/dL +++ : 5.1 - 10.0 mg/dL ++++ : >10.0 mg/dL
6) +- : <2.0 mg/dL + : 2.0 - 3.5 mg/dL ++ : 3.6 - 7.0 mg/dL +++ : 7.1 - 12.0 mg/dL ++++ : >12.0 mg/dL
7) LY : Light yellow Y : Yellow DY : Dark yellow

Table 5-3 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Urinalysis (Week 4)

Sex	Dose mg/kg	No.	URINE SEDIMENT																																
			RBC				WBC				SEC				SREC			Cast		CRYSTALLIZATION															
			-	+-	+	++	+++	-	+-	+	++	+++	-	+-	+	++	+++	-	+-	+	-	+-	+	++	+++	-	+-	+	++	+++					
Male	0	12	12	0	0	0	0	12	0	0	0	0	0	12	0	0	0	12	0	0	0	0	12	0	0	9	3	0	0	0	12	0	0	0	0
	8	6	6	0	0	0	0	4	2	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	5	1	0	0	0	6	0	0	0	0
	30	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	5	1	0	0	0	6	0	0	0	0
	125	12	11	1	0	0	0	11	1	0	0	0	0	12	0	0	0	12	0	0	0	0	12	0	0	11	1	0	0	0	12	0	0	0	0
Female	0	12	12	0	0	0	0	11	1	0	0	0	0	12	0	0	0	11	1	0	0	0	12	0	0	10	2	0	0	0	12	0	0	0	0
	8	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	4	2	0	0	0	6	0	0	0	0
	30	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	6	0	0	0	0	6	0	0	0	0
	125	12	12	0	0	0	0	12	0	0	0	0	0	12	0	0	0	12	0	0	0	0	12	0	0	8	4	0	0	0	12	0	0	0	0

SEC : Squamous Epithelial Cell - : Negative
 SREC : Small Round Epithelial Cell +- : Slight
 PS : Phosphate Salts + : Mild
 CO : Calcium Oxalate ++ : Moderate
 +++ : Severe

Table 5-4 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Water intake and urinalysis (Week 4)

Sex	Dose mg/kg	No.		Water intake mL/24h	Urine volume mL/24h	Osmolality mOsm/kg
Male	0	12	Mean	31	7.7	2018
			S.D.	6	3.4	397
	8	6	Mean	30	6.4	2188
			S.D.	4	2.3	552
	30	6	Mean	38	8.3	1879
			S.D.	7	3.3	437
	125	12	Mean	34	6.7	2127
			S.D.	6	3.0	512
Female	0	12	Mean	30	5.3	1999
			S.D.	6	2.4	580
	8	6	Mean	35	5.7	2096
			S.D.	11	5.1	527
	30	6	Mean	34	4.8	2133
			S.D.	6	2.6	467
	125	12	Mean	35	4.7	2293
			S.D.	8	1.5	490

No significant difference in any treated groups from control group.

Table 5-5 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Urinalysis (Week 2 of recovery)

Sex	Dose mg/kg	No.	pH									1) Protein					2) Ketone body					3) Glucose							
			5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	-	+-	+	++	+++	++++	-	+-	+	++	+++	++++	-	+-	+	++	+++	++++
Male	0	6	0	0	0	0	0	0	1	5	0	0	2	4	0	0	0	1	2	3	0	0	0	6	0	0	0	0	0
	125	6	0	0	0	0	0	1	1	3	1	0	2	4	0	0	0	2	3	1	0	0	0	6	0	0	0	0	0
Female	0	6	0	0	0	0	1	2	1	2	0	5	1	0	0	0	0	6	0	0	0	0	0	6	0	0	0	0	0
	125	6	0	0	0	1	2	1	1	1	0	3	3	0	0	0	0	3	3	0	0	0	0	6	0	0	0	0	0
1)	-	:	<10 mg/dL	+-			:	10 - 25 mg/dL	+			:	26 - 85 mg/dL	++			:	86 - 250 mg/dL	+++			:	251 - 600 mg/dL	++++			:	>600 mg/dL	
2)	-	:	<5 mg/dL	+-			:	5 - 7.5 mg/dL	+			:	7.6 - 30 mg/dL	++			:	31 - 70 mg/dL	+++			:	71 - 125 mg/dL	++++			:	>125 mg/dL	
3)	-	:	<30 mg/dL	+-			:	30 - 60 mg/dL	+			:	61 - 125 mg/dL	++			:	126 - 250 mg/dL	+++			:	251 - 750 mg/dL	++++			:	>750 mg/dL	

Table 5-6 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Urinalysis (Week 2 of recovery)

Sex	Dose mg/kg	No.	4) Occult blood				5) Bilirubin					6) Urobilinogen				7) Color						
			-	+-	+	++	+++	-	+	++	+++	++++	+-	+	++	+++	++++	LY	Y	DY		
Male	0	6	6	0	0	0	0	6	0	0	0	0	0	5	1	0	0	0	0	6	0	
	125	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	0	0	0	6	0
Female	0	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	0	0	0	6	0
	125	6	6	0	0	0	0	5	0	1	0	0	0	5	1	0	0	0	0	0	6	0

4) - : <0.03 mg/dL +- : 0.03 - 0.05 mg/dL + : 0.06 - 0.15 mg/dL ++ : 0.16 - 0.75 mg/dL +++ : >0.75 mg/dL
5) - : <0.5 mg/dL + : 0.5 - 1.5 mg/dL ++ : 1.6 - 5.0 mg/dL +++ : 5.1 - 10.0 mg/dL ++++ : >10.0 mg/dL
6) +- : <2.0 mg/dL + : 2.0 - 3.5 mg/dL ++ : 3.6 - 7.0 mg/dL +++ : 7.1 - 12.0 mg/dL ++++ : >12.0 mg/dL
7) LY : Light yellow Y : Yellow DY : Dark yellow

Table 5-7 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Urinalysis (Week 2 of recovery)

Sex	Dose mg/kg	No.	URINE SEDIMENT																																
			RBC			WBC			SEC			SREC			Cast		CRYSTALLIZATION																		
			-	+-	+ ++ +++	-	+-	+ ++ +++	-	+-	+ ++ +++	-	+-	+ ++ +++	-	+-	+	-	+-	+ ++ +++	-	+-	+ ++ +++												
Male	0	6	6	0	0	0	0	5	1	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	3	3	0	0	0	6	0	0	0	0
	125	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	5	1	0	0	0	6	0	0	0	0
Female	0	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	5	1	0	0	0	6	0	0	0	0
	125	6	6	0	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	6	0	0	3	3	0	0	0	6	0	0	0	0

SEC : Squamous Epithelial Cell - : Negative
 SREC : Small Round Epithelial Cell +- : Slight
 PS : Phosphate Salts + : Mild
 CO : Calcium Oxalate ++ : Moderate
 +++ : Severe

Table 5-8 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
 Water intake and urinalysis (Week 2 of recovery)

Sex	Dose mg/kg	No.		Water intake mL/24h	Urine volume mL/24h	Osmolality mOsm/kg
Male	0	6	Mean	37	14.6	1765
			S.D.	7	6.0	360
	125	6	Mean	39	12.3	1942
			S.D.	5	3.1	250
Female	0	6	Mean	30	7.7	2076
			S.D.	13	3.9	325
	125	6	Mean	31	6.8	2368
			S.D.	6	1.2	271

No significant difference between treated group and control group.

Table 6-1 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Hematology (Day 28)

Sex	Dose mg/kg	No.		RBC	Hb	Ht	MCV	MCH	MCHC	Reticu- locyte	Plate- let	PT	APTT	Fibri- nogen
				X10 ⁴ /μL	g/dL	%	fL	pg	%	X10 ⁴ /μL	s	s	mg/dL	
Male	0	6	Mean	759	16.0	46	59.9	21.1	35.1	1.9	101.5	16.2	19.9	300
			S.D.	35	0.6	1	1.9	0.8	0.4	0.4	5.4	0.6	2.5	7
	8	6	Mean	773	16.1	46	59.8	20.8	34.8	2.0	96.1	17.9	21.9	296
			S.D.	20	0.4	1	1.0	0.4	0.5	0.1	4.1	2.8	3.0	31
	30	6	Mean	749	15.9	45	60.4	21.3	35.3	2.2	95.3	15.8	20.3	294
			S.D.	50	0.4	1	2.9	1.0	0.3	0.4	9.1	0.9	3.0	19
	125	6	Mean	771	16.2	46	59.8	21.0	35.2	2.1	90.5	17.1	19.7	308
			S.D.	20	0.7	2	1.9	0.6	0.5	0.4	12.7	1.2	1.8	24
Female	0	6	Mean	733	15.5	44	59.9	21.2	35.5	2.1	106.9	14.7	17.6	253
			S.D.	50	1.0	3	1.2	0.4	0.3	0.6	10.9	0.6	4.2	32
	8	6	Mean	748	15.5	44	58.6	20.7	35.3	2.1	111.5	14.7	16.4	245
			S.D.	32	0.3	1	2.0	0.8	0.4	0.5	6.6	0.2	0.9	18
	30	6	Mean	743	15.6	44	59.3	21.1	35.5	2.5	106.5	14.6	17.3	256
			S.D.	33	0.4	2	1.3	0.7	0.6	0.4	4.9	0.7	0.8	27
	125	6	Mean	749	15.6	44	58.6	20.8	35.6	1.9	93.7	14.5	16.5	272
			S.D.	40	0.6	2	1.0	0.5	0.4	0.3	13.5	0.3	1.4	23

No significant difference in any treated groups from control group.

Table 6-2 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Hematology (Day 28)

Sex	Dose mg/kg	No.		WBC	Differential leukocyte counts (%)						Erythroblast counts	
				×10 ² /μL	Lymph.	Stab	Seg.	Eosino.	Baso.	Mono.	Others	(/200 leukocyte)
Male	0	6	Mean	112	86.2	0.3	12.6	0.2	0.0	0.8	0.0	0
			S.D.	22	4.8	0.3	4.5	0.3	0.0	0.5	0.0	0
	8	6	Mean	93	81.9	0.3	16.3	0.5	0.0	0.9	0.0	0
			S.D.	32	8.1	0.4	8.0	0.4	0.0	0.4	0.0	0
	30	6	Mean	103	83.4	0.3	14.6	0.5	0.0	1.2	0.0	0
			S.D.	16	4.2	0.3	4.4	0.4	0.0	0.6	0.0	0
	125	6	Mean	101	84.7	0.4	13.3	0.7	0.0	1.0	0.0	0
			S.D.	15	4.4	0.2	4.4	0.4	0.0	0.4	0.0	0
Female	0	6	Mean	104	84.4	0.5	14.1	0.3	0.0	0.7	0.0	0
			S.D.	29	6.8	0.4	6.5	0.4	0.0	0.6	0.0	0
	8	6	Mean	101	90.2	0.3	7.6	0.8	0.0	1.1	0.0	0
			S.D.	25	2.3	0.3	1.7	0.4	0.0	0.4	0.0	0
	30	6	Mean	97	86.3	0.5	12.0	0.0	0.0	1.3	0.0	0
			S.D.	31	3.9	0.3	4.0	0.0	0.0	0.5	0.0	0
	125	6	Mean	78	85.0	0.3	12.4	0.7	0.0	1.6*	0.0	0
			S.D.	22	4.6	0.3	4.2	0.7	0.0	0.7D	0.0	0

* : p<0.05 (Significant difference from control group)
D : Dunnett's test

Table 6-3 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Hematology (Week 2 of recovery)

Sex	Dose mg/kg	No.		RBC	Hb	Ht	MCV	MCH	MCHC	Reticu- locyte	Plate- let	PT	APTT	Fibri- nogen
				X10 ⁴ /μL	g/dL	%	fL	pg	%	%	X10 ⁴ /μL	s	s	mg/dL
Male	0	6	Mean	799	16.1	45	56.8	20.1	35.5	2.5	115.0	15.0	22.4	266
			S.D.	23	0.6	2	1.6	0.7	0.5	0.5	0.5	7.2	1.0	2.1
	125	6	Mean	813	16.6	47	57.2	20.4	35.6	1.9*	113.5	16.2	22.4	317
			S.D.	23	0.4	1	1.1	0.5	0.5	0.3T	14.9	1.2	2.8	51
Female	0	6	Mean	743	15.9	45	59.7	21.4	35.8	2.3	99.9	13.2	17.5	223
			S.D.	24	0.4	1	0.9	0.4	0.4	0.3	0.3	5.4	0.7	1.2
	125	6	Mean	723	15.2*	43**	58.8	21.0	35.7	2.3	108.8*	12.5	15.0*	215
			S.D.	15	0.3T	1T	1.5	0.7	0.4	0.4	7.4T	1.0	2.3T	17

* : p<0.05 ; ** : p<0.01 (Significant difference from control group)
T : Student's t-test

Table 6-4 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks
Hematology (Week 2 of recovery)

Sex	Dose mg/kg	No.		WBC	Differential leukocyte counts (%)						Erythroblast counts	
				$\times 10^2/\mu\text{L}$	Lymph.	Stab	Seg.	Eosino.	Baso.	Mono.	Others	(/200 leukocyte)
Male	0	6	Mean	112	89.4	0.3	9.1	0.3	0.0	0.9	0.0	0
			S.D.	10	1.0	0.3	1.2	0.3	0.0	0.6	0.0	0
	125	6	Mean	125	89.9	0.2	8.5	0.6	0.0	0.8	0.0	0
			S.D.	12	5.0	0.3	4.5	0.7	0.0	0.3	0.0	0
Female	0	6	Mean	70	82.7	0.4	15.4	0.8	0.0	0.7	0.0	0
			S.D.	15	4.6	0.4	4.8	0.4	0.0	0.3	0.0	0
	125	6	Mean	65	83.3	0.5	15.1	0.6	0.0	0.6	0.0	0
			S.D.	15	6.7	0.3	6.3	0.7	0.0	0.4	0.0	0

No significant difference between treated group and control group.