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

Clinical signs (Administration period)

Sex	Dose mg/kg	Findings	Day of administration													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
Male	0	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	8	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	30	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	125	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Female	0	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	8	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	30	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	125	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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

Clinical signs (Administration period)

Sex	Dose mg/kg	Findings	Day of administration													
			15	16	17	18	19	20	21	22	23	24	25	26	27	28
Male	0	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	8	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	30	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	125	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Female	0	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	8	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	30	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	125	No. of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		No abnormality	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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

Clinical signs (Recovery period)

Sex	Dose mg/kg	Findings	Day of recovery													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
Male	0	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	125	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Female	0	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	125	No. of animals	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6

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

Detailed clinical signs : home cage observations (Week 1)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

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

Detailed clinical signs : home cage observations (Week 2)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

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

Detailed clinical signs : home cage observations (Week 3)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

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

Detailed clinical signs : home cage observations (Week 4)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

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

Detailed clinical signs : home cage observations (Week 1 of recovery)

	Sex	Male		Female	
	Dose (mg/kg)	0	125	0	125
Parameter	No. of animals	6	6	6	6
Posture					
Normal		6	6	6	6
Convulsion					
None		6	6	6	6
Abnormal behavior					
None		6	6	6	6

No significant difference between treated group and control group.

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

Detailed clinical signs : home cage observations (Week 2 of recovery)

	Sex	Male		Female	
	Dose (mg/kg)	0	125	0	125
Parameter	No. of animals	6	6	6	6
Posture					
Normal		6	6	6	6
Convulsion					
None		6	6	6	6
Abnormal behavior					
None		6	6	6	6

No significant difference between treated group and control group.

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

Detailed clinical signs : in-the-hand observations (Week 1)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Ease of removal from cage Easy		12	6	6	12	12	6	6	12
Fur condition Normal		12	6	6	12	12	6	6	12
Skin Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose Absent		12	6	6	12	12	6	6	12
Exophthalmos Absent		12	6	6	12	12	6	6	12
Palpebral closure Normal		12	6	6	12	12	6	6	12
Mucosal membranes Normal		12	6	6	12	12	6	6	12
Lacrimation Normal		12	6	6	12	12	6	6	12
Piloerection Absent		12	6	6	12	12	6	6	12
Pupil size Normal		12	6	6	12	12	6	6	12
Salivation None		12	6	6	12	12	6	6	12
Abnormal respiration Absent		12	6	6	12	12	6	6	12
Reactivity to handling Easy		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-8 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : in-the-hand observations (Week 2)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Ease of removal from cage Easy		12	6	6	12	12	6	6	12
Fur condition Normal		12	6	6	12	12	6	6	12
Skin Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose Absent		12	6	6	12	12	6	6	12
Exophthalmos Absent		12	6	6	12	12	6	6	12
Palpebral closure Normal		12	6	6	12	12	6	6	12
Mucosal membranes Normal		12	6	6	12	12	6	6	12
Lacrimation Normal		12	6	6	12	12	6	6	12
Piloerection Absent		12	6	6	12	12	6	6	12
Pupil size Normal		12	6	6	12	12	6	6	12
Salivation None		12	6	6	12	12	6	6	12
Abnormal respiration Absent		12	6	6	12	12	6	6	12
Reactivity to handling Easy		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-9 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : in-the-hand observations (Week 3)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Ease of removal from cage									
Easy		12	5	6	12	12	6	6	11
Some resistance/avoidance		0	1	0	0	0	0	0	1
Fur condition									
Normal		12	6	6	12	12	6	6	12
Skin									
Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose									
Absent		12	6	6	12	12	6	6	12
Exophthalmos									
Absent		12	6	6	12	12	6	6	12
Palpebral closure									
Normal		12	6	6	12	12	6	6	12
Mucosal membranes									
Normal		12	6	6	12	12	6	6	12
Lacrimation									
Normal		12	6	6	12	12	6	6	12
Piloerection									
Absent		12	6	6	12	12	6	6	12
Pupil size									
Normal		12	6	6	12	12	6	6	12
Salivation									
None		12	6	6	12	12	6	6	12
Abnormal respiration									
Absent		12	6	6	12	12	6	6	12
Reactivity to handling									
Easy		12	5	6	12	12	5	5	10
Slightly awkward		0	1	0	0	0	1	1	2

No significant difference in any treated groups from control group.

Table 2-10 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : in-the-hand observations (Week 4)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Ease of removal from cage									
Easy		11	6	6	12	12	6	6	12
Some resistance/avoidance		1	0	0	0	0	0	0	0
Fur condition									
Normal		12	6	6	12	12	6	6	12
Skin									
Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose									
Absent		12	6	6	12	12	6	6	12
Exophthalmos									
Absent		12	6	6	12	12	6	6	12
Palpebral closure									
Normal		12	6	6	12	12	6	6	12
Mucosal membranes									
Normal		12	6	6	12	12	6	6	12
Lacrimation									
Normal		12	6	6	12	12	6	6	12
Piloerection									
Absent		12	6	6	12	12	6	6	12
Pupil size									
Normal		12	6	6	12	12	6	6	12
Salivation									
None		12	6	6	12	12	6	6	12
Abnormal respiration									
Absent		12	6	6	12	12	6	6	12
Reactivity to handling									
Easy		11	6	6	12	12	5	6	12
Slightly awkward		1	0	0	0	0	1	0	0

No significant difference in any treated groups from control group.

Table 2-11 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : in-the-hand observations (Week 1 of recovery)

	Sex	Male		Female	
	Dose (mg/kg)	0	125	0	125
Parameter	No. of animals	6	6	6	6
Ease of removal from cage					
Easy		6	5	6	6
Some resistance/avoidance		0	1	0	0
Fur condition					
Normal		6	6	6	6
Skin					
Normal		6	6	6	6
Secretions-Eye, Nose					
Absent		6	6	6	6
Exophthalmos					
Absent		6	6	6	6
Palpebral closure					
Normal		6	6	6	6
Mucosal membranes					
Normal		6	6	6	6
Lacrimation					
Normal		6	6	6	6
Piloerection					
Absent		6	6	6	6
Pupil size					
Normal		6	6	6	6
Salivation					
None		6	6	6	6
Abnormal respiration					
Absent		6	6	6	6
Reactivity to handling					
Easy		6	5	6	6
Slightly awkward		0	1	0	0

No significant difference between treated group and control group.

Table 2-12 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : in-the-hand observations (Week 2 of recovery)

	Sex	Male		Female	
	Dose (mg/kg)	0	125	0	125
Parameter	No. of animals	6	6	6	6
Ease of removal from cage					
Easy		6	6	6	6
Fur condition					
Normal		6	6	6	6
Skin					
Normal		6	6	6	6
Secretions-Eye, Nose					
Absent		6	6	6	6
Exophthalmos					
Absent		6	6	6	6
Palpebral closure					
Normal		6	6	6	6
Mucosal membranes					
Normal		6	6	6	6
Lacrimation					
Normal		6	6	6	6
Piloerection					
Absent		6	6	6	6
Pupil size					
Normal		6	6	6	6
Salivation					
None		6	6	6	6
Abnormal respiration					
Absent		6	6	6	6
Reactivity to handling					
Easy		6	6	6	6

No significant difference between treated group and control group.

Table 2-13 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : open field observation (Week 1)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Arousal									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12
Stereotypy									
None		12	6	6	12	12	6	6	12
Gait									
Normal		12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Grooming									
None		12	6	6	12	12	6	6	12
Rearing count (Mean±S.D.)		2± 2	3± 2	5± 3	3± 2	6± 3	6± 1	5± 4	7± 2
Defecation count (Mean±S.D.)		0± 0	0± 1	0± 0	0± 0	0± 0	0± 0	0± 0	0± 0
Urination									
None		10	4	6	10	12	6	5	12
Small amount		2	2	0	2	0	0	1	0

No significant difference in any treated groups from control group.

Table 2-14 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : open field observation (Week 2)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Arousal									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12
Stereotypy									
None		12	6	6	12	12	6	6	12
Gait									
No/minimal location		2	1	0	2	0	0	0	0
Normal		10	5	6	10	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Grooming									
None		12	6	6	12	12	6	6	12
Rearing count (Mean±S.D.)		2± 2	4± 4	2± 2	3± 2	7± 3	7± 2	7± 4	8± 2
Defecation count (Mean±S.D.)		0± 1	0± 0	0± 0	0± 0	0± 0	0± 0	0± 0	0± 1
Urination									
None		9	5	6	8	12	6	6	12
Small amount		3	1	0	3	0	0	0	0
Moderate amount		0	0	0	1	0	0	0	0

No significant difference in any treated groups from control group.

Table 2-15 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : open field observation (Week 3)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Arousal									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12
Stereotypy									
None		12	6	6	12	12	6	6	12
Gait									
No/minimal location		1	1	0	0	0	0	0	0
Normal		11	5	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Grooming									
None		12	6	6	12	12	6	6	12
Rearing count (Mean±S.D.)		3± 3	4± 3	4± 2	3± 3	10± 3	11± 2	8± 3	11± 4
Defecation count (Mean±S.D.)		1± 1	1± 1	0± 0	1± 1	0± 0	0± 0	0± 0	0± 0
Urination									
None		9	5	6	9	12	6	5	12
Small amount		2	1	0	2	0	0	1	0
Moderate amount		1	0	0	0	0	0	0	0
Large/excessive amount		0	0	0	1	0	0	0	0

No significant difference in any treated groups from control group.

Table 2-16 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : open field observation (Week 4)

Parameter	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
	No. of animals	12	6	6	12	12	6	6	12
Arousal									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior								a)	
None		12	6	6	12	12	6	5	12
Minor		0	0	0	0	0	0	1	0
Stereotypy									
None		12	6	6	12	12	6	6	12
Gait									
No/minimal location		1	1	2	2	0	0	0	0
Normal		11	5	4	10	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Grooming									
None		12	6	6	12	12	6	6	12
Rearing count (Mean±S.D.)		4± 3	4± 3	4± 4	4± 3	10± 3	12± 3	10± 4	11± 3
Defecation count (Mean±S.D.)		0± 0	1± 1	1± 1	1± 1	0± 0	0± 0	0± 0	0± 0
Urination									
None		6	5	6	11	12	6	6	12
Small amount		6	1	0	1	0	0	0	0

a): Jumping
No significant difference in any treated groups from control group.

Table 2-17 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : open field observation (Week 1 of recovery)

	Sex	Male		Female	
	Dose (mg/kg)	0	125	0	125
Parameter	No. of animals	6	6	6	6
Arousal					
Normal		6	6	6	6
Convulsion					
None		6	6	6	6
Abnormal behavior					
None		6	6	6	6
Stereotypy					
None		6	6	6	6
Gait					
No/minimal location		1	1	0	0
Normal		5	5	6	6
Posture					
Normal		6	6	6	6
Grooming					
None		6	6	6	6
Rearing count (Mean±S.D.)		4± 3	5± 3	10± 1	10± 3
Defecation count (Mean±S.D.)		0± 0	0± 0	0± 0	0± 0
Urination					
None		6	5	6	6
Small amount		0	1	0	0

No significant difference between treated group and control group.

Table 2-18 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Detailed clinical signs : open field observation (Week 2 of recovery)

	Sex	Male		Female	
	Dose (mg/kg)	0	125	0	125
Parameter	No. of animals	6	6	6	6
Arousal					
Normal		6	6	6	6
Convulsion					
None		6	6	6	6
Abnormal behavior					
None		6	6	6	6
Stereotypy					
None		6	6	6	6
Gait					
Normal		6	6	6	6
Posture					
Normal		6	6	6	6
Grooming					
None		6	6	6	6
Rearing count (Mean±S.D.)		4± 2	6± 3	10± 2	10± 2
Defecation count (Mean±S.D.)		0± 0	0± 0	0± 0	0± 0
Urination					
None		3	5	5	6
Small amount		1	0	1	0
Moderate amount		2	1	0	0

No significant difference between treated group and control group.

Table 2-19 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Manipulative test (Week 4)

	Sex	Male				Female			
	Dose (mg/kg)	0	8	30	125	0	8	30	125
Parameter	No. of animals	12	6	6	12	12	6	6	12
Auditory response Normal		12	6	6	12	12	6	6	12
Approach response Normal		12	6	6	12	12	6	6	12
Touch response Normal		12	6	6	12	12	6	6	12
Tail pinch response Normal		12	6	6	12	12	6	6	12
Pupillary reflex Pass, both		12	6	6	12	12	6	6	12
Aerial righting reflex (Total score: Mean±S.D.)		0± 0	0± 0	0± 0	0± 0	0± 0	0± 0	0± 0	0± 0
Landing foot splay (mm: Mean±S.D.)		73±20	67±24	68±14	80±14	69±20	66± 8	71± 9	56±16

No significant difference in any treated groups from control group.

Table 2-20 A 28-day oral toxicity study of 2-Ethylhexyl vinyl ether in rats with a recovery period of 2 weeks

Manipulative test (Week 2 of recovery)

	Sex	Male		Female	
	Dose (mg/kg)	0	125	0	125
Parameter	No. of animals	6	6	6	6
Auditory response Normal		6	6	6	6
Approach response Normal		6	6	6	6
Touch response Normal		6	6	6	6
Tail pinch response Normal		6	6	6	6
Pupillary reflex Pass, both		6	6	6	6
Aerial righting reflex (Total score: Mean±S.D.)		0± 0	0± 0	0± 0	0± 0
Landing foot splay (mm: Mean±S.D.)		84±29	84±17	64±15	57±16

No significant difference between treated group and control group.

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) 0-10	10-20	20-30	30-40	40-50	50-60	Total(0-60)
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 1	4	7	10	14	17	21	24	28	Gain 1-28
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 1	3	7	10	14	Gain 1-14
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