

**Study Number:** C11054B-01  
**Test Type:** TOX  
**Route:** Dosing in Water  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I08: Mean Test Compound Consumption (Chronic Animals)**  
**Test Compound:** Sulfolane  
**CAS Number:** 126-33-0

**Date Report Requested:** 06/22/2022  
**Time Report Requested:** 08:53:03  
**Lab:** Battelle

**Study Number:** C11054B-01  
**Study Sex:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.4.1  
**Stat Version:** S

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## F1 Males: F1 Core Animals

| Phase | Days      | Treatment Groups (mg/L) |    |                         |    |                         |    |                         |    |                         |    |
|-------|-----------|-------------------------|----|-------------------------|----|-------------------------|----|-------------------------|----|-------------------------|----|
|       |           | 0                       |    | 30                      |    | 100                     |    | 300                     |    | 1000                    |    |
|       |           | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  |
| Study | 21 - 28   | 0.0 ± 0.0               | 27 | 1.5 ± 0.0               | 25 | 5.0 ± 0.1               | 26 | 14.7 ± 0.3              | 25 | 52.9 ± 1.4              | 26 |
|       | 49 - 56   | 0.0 ± 0.0               | 27 | 1.4 ± 0.0               | 25 | 4.8 ± 0.1               | 26 | 13.8 ± 0.2              | 25 | 50.0 ± 1.0              | 26 |
|       | 77 - 84   | 0.0 ± 0.0               | 27 | 1.4 ± 0.0               | 25 | 4.7 ± 0.1               | 26 | 13.8 ± 0.3              | 25 | 48.3 ± 1.1              | 26 |
|       | 105 - 112 | 0.0 ± 0.0               | 27 | 1.4 ± 0.0               | 25 | 4.5 ± 0.1               | 26 | 13.4 ± 0.3              | 25 | 46.0 ± 0.9              | 26 |
|       | 133 - 140 | 0.0 ± 0.0               | 27 | 1.3 ± 0.0               | 25 | 4.3 ± 0.1               | 26 | 12.6 ± 0.4              | 25 | 43.3 ± 0.8              | 26 |
|       | 161 - 168 | 0.0 ± 0.0               | 27 | 1.3 ± 0.0               | 24 | 4.1 ± 0.1               | 26 | 12.0 ± 0.3              | 25 | 41.8 ± 0.9              | 26 |
|       | 189 - 196 | 0.0 ± 0.0               | 27 | 1.3 ± 0.0               | 25 | 4.1 ± 0.1               | 26 | 12.0 ± 0.3              | 25 | 42.3 ± 0.8              | 26 |
|       | 217 - 224 | 0.0 ± 0.0               | 27 | 1.3 ± 0.1               | 25 | 3.9 ± 0.1               | 26 | 11.7 ± 0.3              | 25 | 41.6 ± 1.1              | 26 |
|       | 245 - 252 | 0.0 ± 0.0               | 27 | 1.2 ± 0.1               | 25 | 3.9 ± 0.1               | 26 | 11.5 ± 0.4              | 25 | 42.0 ± 1.1              | 26 |
|       | 273 - 280 | 0.0 ± 0.0               | 27 | 1.2 ± 0.1               | 25 | 3.8 ± 0.1               | 26 | 11.3 ± 0.6              | 25 | 43.3 ± 1.6              | 26 |
|       | 301 - 308 | 0.0 ± 0.0               | 27 | 1.2 ± 0.1               | 25 | 3.8 ± 0.1               | 26 | 11.4 ± 0.6              | 25 | 46.5 ± 2.3              | 26 |
|       | 329 - 336 | 0.0 ± 0.0               | 27 | 1.3 ± 0.1               | 25 | 3.8 ± 0.1               | 26 | 11.4 ± 0.7              | 25 | 44.0 ± 2.4              | 26 |
|       | 357 - 364 | 0.0 ± 0.0               | 27 | 1.4 ± 0.1               | 25 | 4.1 ± 0.2               | 26 | 12.5 ± 0.9              | 25 | 53.0 ± 4.0              | 25 |
|       | 385 - 392 | 0.0 ± 0.0               | 27 | 1.6 ± 0.2               | 25 | 4.7 ± 0.3               | 26 | 13.0 ± 0.7              | 24 | 58.6 ± 5.0              | 25 |
|       | 413 - 420 | 0.0 ± 0.0               | 27 | 1.5 ± 0.1               | 22 | 5.0 ± 0.3               | 26 | 13.4 ± 0.7              | 22 | 60.6 ± 5.6              | 24 |
|       | 441 - 448 | 0.0 ± 0.0               | 26 | 1.6 ± 0.1               | 22 | 5.1 ± 0.3               | 24 | 14.3 ± 0.8              | 22 | 60.2 ± 4.8              | 22 |
|       | 469 - 476 | 0.0 ± 0.0               | 26 | 1.7 ± 0.2               | 21 | 5.3 ± 0.4               | 24 | 15.7 ± 1.1              | 23 | 61.1 ± 5.4              | 20 |
|       | 497 - 504 | 0.0 ± 0.0               | 26 | 1.8 ± 0.2               | 20 | 6.0 ± 0.4               | 24 | 17.6 ± 1.3              | 22 | 72.0 ± 10.3             | 18 |
|       | 525 - 532 | 0.0 ± 0.0               | 25 | 1.5 ± 0.1               | 19 | 6.4 ± 0.5               | 23 | 18.0 ± 1.5              | 21 | 75.6 ± 9.9              | 18 |
|       | 553 - 560 | 0.0 ± 0.0               | 23 | 1.8 ± 0.1               | 16 | 6.8 ± 0.5               | 23 | 20.7 ± 1.6              | 18 | 66.2 ± 6.3              | 12 |
|       | 581 - 588 | 0.0 ± 0.0               | 19 | 1.8 ± 0.1               | 16 | 6.9 ± 0.5               | 19 | 18.7 ± 1.6              | 16 | 81.9 ± 12.8             | 13 |
|       | 609 - 616 | 0.0 ± 0.0               | 16 | 2.1 ± 0.2               | 15 | 7.4 ± 0.6               | 14 | 23.2 ± 2.5              | 14 | 83.4 ± 12.8             | 12 |
|       | 21 - 616  | 0.0 ± 0.0               | 16 | 1.3 ± 0.0               | 15 | 4.6 ± 0.2               | 14 | 12.7 ± 0.5              | 14 | 49.4 ± 4.0              | 12 |

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## F1 Females: F1 Core Animals

| Phase | Days      | Treatment Groups (mg/L) |    |                         |    |                         |    |                         |    |                         |    |
|-------|-----------|-------------------------|----|-------------------------|----|-------------------------|----|-------------------------|----|-------------------------|----|
|       |           | 0                       |    | 30                      |    | 100                     |    | 300                     |    | 1000                    |    |
|       |           | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  | Dose/Day<br>(mg/kg/day) | N  |
| Study | 21 - 28   | 0.0 ± 0.0               | 14 | 2.2 ± 0.1               | 14 | 7.4 ± 0.2               | 13 | 22.3 ± 0.5              | 13 | 74.7 ± 1.5              | 15 |
|       | 49 - 56   | 0.0 ± 0.0               | 14 | 2.2 ± 0.0               | 14 | 7.5 ± 0.2               | 13 | 21.6 ± 0.6              | 13 | 72.4 ± 1.8              | 15 |
|       | 77 - 84   | 0.0 ± 0.0               | 14 | 2.0 ± 0.0               | 14 | 7.2 ± 0.2               | 13 | 20.5 ± 0.6              | 13 | 71.0 ± 2.0              | 15 |
|       | 105 - 112 | 0.0 ± 0.0               | 14 | 2.0 ± 0.0               | 14 | 7.0 ± 0.2               | 13 | 19.4 ± 0.6              | 13 | 69.3 ± 2.4              | 15 |
|       | 133 - 140 | 0.0 ± 0.0               | 14 | 2.0 ± 0.0               | 14 | 7.0 ± 0.2               | 13 | 19.0 ± 0.5              | 13 | 71.1 ± 2.8              | 15 |
|       | 161 - 168 | 0.0 ± 0.0               | 14 | 2.0 ± 0.1               | 14 | 7.3 ± 0.2               | 13 | 19.7 ± 0.6              | 13 | 71.4 ± 2.8              | 15 |
|       | 189 - 196 | 0.0 ± 0.0               | 14 | 2.1 ± 0.1               | 14 | 7.2 ± 0.3               | 13 | 20.4 ± 0.5              | 13 | 72.7 ± 3.6              | 15 |
|       | 217 - 224 | 0.0 ± 0.0               | 14 | 2.2 ± 0.0               | 14 | 7.5 ± 0.2               | 13 | 20.3 ± 0.6              | 13 | 74.0 ± 3.0              | 15 |
|       | 245 - 252 | 0.0 ± 0.0               | 14 | 2.2 ± 0.0               | 14 | 7.2 ± 0.3               | 13 | 20.1 ± 0.6              | 13 | 71.3 ± 3.4              | 15 |
|       | 273 - 280 | 0.0 ± 0.0               | 14 | 2.2 ± 0.1               | 14 | 7.3 ± 0.2               | 13 | 20.5 ± 0.9              | 13 | 71.7 ± 3.5              | 15 |
|       | 301 - 308 | 0.0 ± 0.0               | 14 | 2.3 ± 0.1               | 15 | 7.2 ± 0.2               | 13 | 20.7 ± 0.9              | 13 | 73.2 ± 3.5              | 15 |
|       | 329 - 336 | 0.0 ± 0.0               | 14 | 2.2 ± 0.1               | 15 | 7.3 ± 0.3               | 13 | 19.6 ± 0.7              | 13 | 70.4 ± 3.5              | 15 |
|       | 357 - 364 | 0.0 ± 0.0               | 14 | 2.4 ± 0.1               | 16 | 7.8 ± 0.3               | 13 | 20.0 ± 0.7              | 13 | 74.0 ± 4.5              | 15 |
|       | 385 - 392 | 0.0 ± 0.0               | 14 | 2.6 ± 0.1               | 16 | 8.1 ± 0.3               | 13 | 21.8 ± 0.9              | 13 | 79.7 ± 4.6              | 15 |
|       | 413 - 420 | 0.0 ± 0.0               | 14 | 2.6 ± 0.1               | 16 | 8.1 ± 0.4               | 13 | 22.5 ± 0.8              | 13 | 83.7 ± 5.2              | 15 |
|       | 441 - 448 | 0.0 ± 0.0               | 14 | 2.4 ± 0.1               | 16 | 7.6 ± 0.5               | 13 | 20.3 ± 0.8              | 13 | 76.5 ± 4.6              | 14 |
|       | 469 - 476 | 0.0 ± 0.0               | 14 | 2.3 ± 0.1               | 15 | 7.6 ± 0.4               | 13 | 20.4 ± 1.1              | 13 | 86.7 ± 8.3              | 15 |
|       | 497 - 504 | 0.0 ± 0.0               | 13 | 2.5 ± 0.2               | 15 | 7.8 ± 0.4               | 13 | 21.7 ± 1.5              | 13 | 89.8 ± 8.1              | 15 |
|       | 525 - 532 | 0.0 ± 0.0               | 13 | 2.4 ± 0.2               | 14 | 7.8 ± 0.4               | 13 | 23.0 ± 1.8              | 12 | 88.8 ± 10.6             | 15 |
|       | 553 - 560 | 0.0 ± 0.0               | 13 | 2.4 ± 0.1               | 14 | 8.5 ± 0.4               | 12 | 24.1 ± 1.6              | 12 | 93.8 ± 11.4             | 15 |
|       | 581 - 588 | 0.0 ± 0.0               | 12 | 2.3 ± 0.1               | 14 | 8.1 ± 0.4               | 12 | 23.2 ± 1.4              | 11 | 84.5 ± 10.1             | 13 |
|       | 609 - 616 | 0.0 ± 0.0               | 12 | 2.5 ± 0.2               | 14 | 9.3 ± 0.9               | 12 | 24.8 ± 1.7              | 11 | 105.8 ± 22.0            | 12 |
|       | 21 - 616  | 0.0 ± 0.0               | 12 | 2.3 ± 0.1               | 13 | 7.7 ± 0.3               | 12 | 21.3 ± 0.9              | 11 | 79.9 ± 6.8              | 12 |

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LEGEND

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Reported as the mean  $\pm$  SEM. N is the number of animals, number of cages for group housed adult animals or number of litters.

F0 females were singly housed. All F1 cohorts were group housed

Chemical intake values were excluded when excessive spillage was recorded.

Statistical analysis was not performed on this data.

Consumption is not reported for the non-pregnant animals during gestation and lactation phases

Consumption is not reported for animals during mating

One water weight was excluded from analysis as an outlier, an F1 Core Animals 1000 mg/L Male SD 553-560, along with the corresponding water weight relative to body weight value.

One female in the 30 mg/L dose group was excluded from the analysis of the PND 28-742 consumption due to a cage change during the interval.

For the F1 generation animals, Study Days are defined as the number of days after interim sacrifice animals were removed. On Study Day 0, animals were between 123 and 128 days of age.

**\*\* END OF REPORT \*\***