

Supplementary files

Table S1. Tukey's multiple comparisons results following one-way ANOVA for onset behaviour across Karate Zeon 10 CS concentrations.

| Variable | Treatments | <i>p</i> |
|------------|------------|----------|
| Swimming | K2 vs K8 | 0.004 |
| Vertical | K1 vs K5 | <0.001 |
| | K2 vs K5 | <0.001 |
| | K3 vs K5 | <0.001 |
| | K4 vs K5 | <0.001 |
| | K5 vs K7 | 0.002 |
| | K5 vs K8 | <0.001 |
| Motionless | K1 vs K7 | 0.008 |
| | K2 vs K7 | 0.008 |
| | K3 vs K7 | 0.004 |
| | K4 vs K7 | 0.006 |
| | K5 vs K7 | 0.036 |
| Surface | K1 vs K3 | 0.020 |
| | K2 vs K7 | 0.048 |
| | K3 vs K5 | 0.039 |
| | K3 vs K8 | 0.016 |
| Mortality | K1 vs K7 | 0.008 |
| | K1 vs K8 | 0.034 |
| | K2 vs K7 | 0.007 |
| | K2 vs K8 | 0.030 |
| | K4 vs K8 | 0.023 |

Table S2. Tukey's multiple comparisons results following one-way ANOVA for onset behaviour across Mulan 20 SP concentrations.

| Variable | Treatments | <i>p</i> |
|----------|------------|----------|
| Swimming | M2 vs M3 | 0.008 |
| | M2 vs M7 | 0.031 |
| | M2 vs M8 | 0.031 |
| | M2 vs M9 | 0.002 |
| Surface | M1 vs M3 | 0.011 |
| | M1 vs M4 | 0.009 |
| | M1 vs M7 | 0.014 |
| | M1 vs M8 | 0.021 |
| | M2 vs M3 | <0.001 |
| | M2 vs M4 | <0.001 |
| | M2 vs M7 | <0.001 |
| | M2 vs M8 | <0.001 |

Table S3. Tukey's multiple comparisons results following one-way ANOVA for onset behaviour across Pyrinex 250 CS concentrations.

| Variable | Treatments | <i>p</i> |
|---------------------|------------|----------|
| Swimming | P1 vs P2 | 0.003 |
| | P2 vs P3 | 0.030 |
| | P2 vs P4 | <0.001 |
| | P2 vs P7 | 0.006 |
| | P2 vs P8 | 0.006 |
| | P2 vs P9 | <0.001 |
| Vertical | P1 vs P5 | <0.001 |
| | P1 vs P6 | <0.001 |
| | P1 vs P7 | <0.001 |
| | P1 vs P8 | <0.001 |
| | P1 vs P9 | <0.001 |
| | P2 vs P5 | <0.001 |
| | P2 vs P6 | <0.001 |
| | P2 vs P7 | <0.001 |
| | P2 vs P8 | <0.001 |
| | P2 vs P9 | 0.002 |
| | P3 vs P5 | <0.001 |
| | P3 vs P6 | <0.001 |
| | P3 vs P7 | <0.001 |
| | P3 vs P8 | <0.001 |
| | P3 vs P9 | <0.001 |
| | P4 vs P5 | <0.001 |
| | P4 vs P6 | <0.001 |
| | P4 vs P7 | <0.001 |
| | P4 vs P8 | <0.001 |
| | P4 vs P9 | 0.002 |
| | P5 vs P6 | <0.001 |
| | P5 vs P7 | <0.001 |
| | P5 vs P8 | <0.001 |
| | P5 vs P9 | <0.001 |
| Loss of equilibrium | P3 vs P7 | 0.031 |