HASKELL LABORATORY FOR TOXICOLOGY
AND INDUSTRIAL MEDICINE

STATIC, ACUTE 48-HOUR SCREENING TEST OF E-20680
TO Daphnia magna

PURPOSE: This is a rangefinding study designed to provide an estimate of aquatic toxicity using fixed test concentrations and data measurements at predetermined intervals.

GENERAL INFORMATION

MR: [redacted]
HASKELL NUMBER: 20680
TEST CODE: [redacted]
SPONSOR: Specialty Chemicals
NOTEBOOK ID: none submitted
MATERIAL TESTED: [redacted]
SYNONYMS: [redacted]
CAS REGISTRY:
PURITY: 99.5%

TEST CONDITIONS

Nominal concentrations tested: 0, 0.5, 1.0, 50, 500, and 5000 mg/L.
Dissolved Oxygen and pH:

Nominal Concentration (mg/L)	At test initiation, 0 Hours: Dissolved Oxygen (mg/L) Replicate A	B	pH Replicate A	B	At test completion, 48 Hours: Dissolved Oxygen (mg/L) Replicate A	B	pH Replicate A	B
0	8.5	8.5	8.3	8.3	8.4	8.4	8.1	8.1
0.5	8.5	8.5	8.3	8.3	8.4	8.4	8.1	8.1
1.0	8.5	8.5	8.3	8.3	8.4	8.4	8.1	8.1
50	8.5	8.5	8.3	8.3	8.5	8.4	8.2	8.1
500	8.5	8.5	8.3	8.3	7.7	7.8	8.2	8.2
5000	8.5	8.5	8.3	8.3	8.4	8.2	8.2	8.2

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STATIC, ACUTE 48-HOUR SCREENING TEST OF H-2068C
TO Daphnia magna, CONTINUED

RESULTS

Based on visual observations, all solutions were clear except the 500 and 5000 mg/L solutions which were slightly cloudy. Mortalities were 0, 0, 0, 100, 100, and 100%. respectively. All water quality parameters were within acceptable limits.

CONCLUSIONS

H-2068C exhibited moderate toxicity in a 48-hour, unaerated static acute test using Daphnia magna.

APPROVED BY: Michelle R. Brown, B.A.
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