

HASKELL LABORATORY FOR TOXICOLOGY
AND INDUSTRIAL MEDICINE

STATIC, ACUTE 48-HOUR SCREENING TEST OF H-21460
Daphnia magna, CONTINUED

RESULTS

Based on visual observations, all solutions were clear, except for 50 mg/L which was slightly cloudy, 500 mg/L which was cloudy, and 5000 mg/L which was cloudy and white in color. Immobilities were 0, 0, 0, 0, 0, and 0%, respectively. 100% of the daphnia in the 500 and 5000 mg/L test solutions were pale in color. The 48-hour EC50, based on nominal concentrations and immobility, was greater than 5000 mg/L. All water quality parameters were within acceptable limits.

CONCLUSIONS

H-21460 exhibited very low toxicity in a 48-hour, unaerated, static acute test using Daphnia magna.

WORK BY:

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1/10/96

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DISTRIBUTION:

[REDACTED]

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**STATIC, ACUTE 48-HOUR SCREENING TEST OF H-21460
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] MATERIAL TESTED: [REDACTED]
 HASKELL NUMBER: 21460 SYNONYMS: [REDACTED]
 TEST CODE: [REDACTED]
 SPONSOR: DuPont Specialty Chemicals
 NOTEBOOK ID: [REDACTED]
 SUBMITTER'S [REDACTED]
 NOTEBOOKS NO.: [REDACTED]
 COMPOSITION: [REDACTED]
 CONTAMINANTS: [REDACTED]
 OTHER CODES: [REDACTED]
 CAS REGISTRY: [REDACTED]
 PURITY: [REDACTED]

TEST CONDITIONS

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

Nominal Concentration Replicate (mg/L)	At Test Initiation				At Test Completion			
	pH		Dissolved Oxygen (mg/L)		pH		Dissolved Oxygen (mg/L)	
	Replicate A	Replicate B	Replicate A	Replicate B	Replicate A	Replicate B	Replicate A	Replicate B
0	8.4	8.4	9.0	9.0	8.3	8.3	8.7	8.7
0.5	8.4	8.4	9.1	9.1	8.4	8.4	8.7	8.8
1.0	8.4	8.4	9.1	9.1	8.4	8.4	8.8	8.8
50	8.4	8.4	9.1	9.1	8.4	8.4	8.7	8.7
500	8.4	8.4	9.0	9.0	8.4	8.4	8.7	8.7
5000	8.4	8.4	9.0	8.9	8.4	8.4	8.7	8.7