

**HASKELL LABORATORY FOR TOXICOLOGY
AND INDUSTRIAL MEDICINE****STATIC, ACUTE 48-HOUR SCREENING TEST OF H-22274
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: 22274
TEST CODE: [REDACTED]
MATERIAL TESTED: [REDACTED]
SYNONYMS: [REDACTED]
SPONSOR: DuPont Specialty Chemicals
NOTEBOOK ID: [REDACTED]
SUBMITTER'S
NOTEBOOK NUMBER: [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.

Nominal Concentration (mg/L)	At Test Initiation, 0 Hours				At Test Completion, 48 Hours			
	Dissolved Oxygen		pH		Dissolved Oxygen		pH	
	(mg/L)				(mg/L)			
	A	B	A	B	A	B	A	B
0	8.9	8.9	8.8	8.8	9.0	9.0	8.3	8.3
0.5	8.9	8.9	8.8	8.8	9.0	9.0	8.3	8.3
1.0	8.9	8.9	8.8	8.8	9.0	9.0	8.3	8.3
50	8.9	8.9	8.8	8.8	9.0	9.0	8.3	8.3
500	8.9	8.9	8.8	8.8	8.9	8.9	8.2	8.2
5000	8.8	8.8	8.7	8.7	8.5 ^a	8.5 ^a	8.0 ^a	8.0 ^a

^a Reading taken at 24 hours after exposure, due to total immobility.

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**STATIC, ACUTE 48-HOUR SCREENING TEST OF H-22274
TO Daphnia magna, CONTINUED**

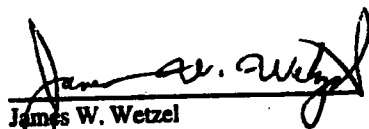
RESULTS

Based on visual observations, the water control solution was clear and had no color. The 0.5, 1.0, and 50 mg/L test solutions were clear and had no color. The 500 and 5000 mg/L test solutions were cloudy, white in color. Immobilities were 0, 0, 0, 0, 40, and 100%, respectively. The 48-hour EC50, based on nominal concentrations and immobility, was 500 and 5000 mg/L. All water quality parameters were within acceptable limits.

CONCLUSIONS

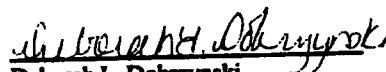
H-22274 exhibited low toxicity in a 48-hour, unaerated, static acute test using Daphnia magna.

WORK BY:


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Toxicology Associate

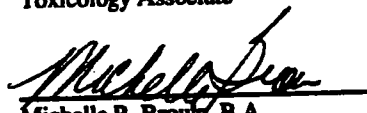
3/31/97
Month/Day/Year

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3/31/97
Month/Day/Year

APPROVED BY:


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3/31/97
Month/Day/Year

DISTRIBUTION:

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