

HASKELL LABORATORY FOR TOXICOLOGY AND INDUSTRIAL MEDICINE

STATIC, ACUTE 96-HOUR SCREENING TEST OF H-21095 TO FATHEAD MINNOWS, Pimephales promelas

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: 21095
TEST CODE: [REDACTED]
SPONSOR: DuPont Specialty Chemicals
NOTEBOOK ID: [REDACTED]
SUBMITTER'S: [REDACTED]
NOTEBOOK NO.: None submitted
COMPOSITION: H-21095 contains:
[REDACTED]
CONTAMINANTS: None

MATERIAL TESTED:
SYNONYMS:

OTHER CODES: [REDACTED]
CAS REGISTRY: None Available
PURITY: 30%

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		At test completion, 96 Hours	
	Dissolved Oxygen (mg/L)	pH	Dissolved Oxygen (mg/L)	pH
0	8.4	7.4	7.3	7.6
0.5	8.4	7.4	7.5	7.6
1.0	8.4	7.4	7.6	7.6
50	8.4	7.4	7.3	7.6
500	8.4	6.9	8.3 ^a	7.5 ^a
5000	8.4	5.8	8.4 ^b	5.7 ^b

^aReadings taken at approximately 24 hours after exposure due to total mortality.
^bReadings taken at approximately 1 hour after exposure due to total mortality.

HASKELL LABORATORY FOR TOXICOLOGY
AND INDUSTRIAL MEDICINESTATIC, ACUTE 96-HOUR SCREENING TEST OF H-21095
TO FATHEAD MINNOWS, Pimephales promelas, CONTINUED

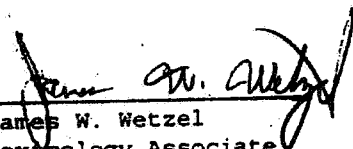
RESULTS

Based on visual observations, all solutions were clear at test start, except for 5000 mg/L which was slightly yellow in color. At 24 hours after exposure, the 50 and 500 mg/L test solutions were slightly cloudy. Mortalities were 0, 0, 0, 0, 100, and 100%, respectively. The 96-hour LC50, based on nominal concentrations and mortality, was between 50 and 500 mg/L. All water quality parameters were within acceptable limits, except for the pH levels at 5000 mg/L.

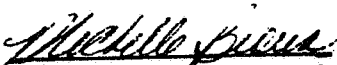
CONCLUSIONS

H-21095 exhibited slight toxicity in a 96-hour, unaerated, static acute test using fathead minnows, Pimephales promelas.

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