

Acute Bioassay Report

Performed by Aquatic Bioassay and Consulting Laboratories, Inc. in Ventura, CA, on May 25, 2005.

The test was conducted under the guidelines prescribed in "Static Acute Bioassay Procedures for Hazardous Waste Samples" California Department of Fish and Game, 1998. The results were as follows:

Sample I.D.: Composite Hardener and Resin

DOHS (TITLE 22) HAZARDOUS WASTE BIOASSAY USING FATHEAD MINNOWS

96 HOUR LC50 = >750 mg/l
STATUS = Pass

WATER QUALITY

DILUTION WATER: Reconst. Fresh		AERATION: Single Bubble Air	
CONTROL HARDNESS		CONTROL ALKALINITY	
Beg: 49 mg/l	End: 52 mg/l	Beg 37 mg/l	End: 39 mg/l
SAMPLE HARDNESS		SAMPLE ALKALINITY	
Beg: 52 mg/l	End: 55 mg/l	Beg: 33mg/l	End: 33mg/l

ORGANISM INFORMATION

SPECIES:	Pimephales promelas	DATE REC'D:	5/6/2005
COMMON NAME:	Fathead Minnow	AVERAGE LENGTH:	39mm
SOURCE:	Thomas Fish Co.	AVERAGE WT:	.77 gm
CARRIER:	California Overnight	NO. FISH/TANK:	10

TEST DATA

	INITIAL			24 HOURS			
Date	5/25/2005			5/26/2005			
Time	1700			1400			
Conc.	Dis. Oxy.	Temp (C.)	pH	Dis. Oxy.	Temp (C.)	pH	# fish dead
0 (con.)	8.9	20.9	7.5	7.2	20.4	8	0
400 mg/l	8.9	20.9	7.9	8.0	19.8	7.3	0
400 mg/l	8.9	20.9	7.9	8.1	19.6	7.4	0
750 mg/l	8.9	20.9	7.9	7.9	19.6	7.4	0
750 mg/l	8.9	20.9	7.9	7.8	19.7	7.3	0

48 HOURS				72 HOURS			
5/27/2005				5/28/2005			
1800				1500			
Dis. Oxy.	Temp (C.)	pH	# fish dead	Dis. Oxy.	Temp (C.)	pH	# fish dead
7	19.9	7.3	0	7	19.7	7.3	0
7.8	19.4	7.1	0	7.7	19.6	7.1	0
7.6	19.3	7.1	0	7.8	19.6	7.1	0
7.7	19.3	7	0	7.8	19.6	7.1	0
7.3	19.5	7	0	7.7	19.6	7.1	0

96 HOURS			
5/29/2005			
1600			
Dis. Oxy.	Temp (C.)	pH	# fish dead
6.8	19.5	7.3	0
7.6	19.7	7.1	0
7.5	19.7	7.1	0
7.5	19.7	7.1	0
7.5	19.7	7.1	0

FINAL DATA

TOTAL MORTALITIES	
0 (Con.)	0
400 mg/l	0
400 mg/l	0
750 mg/l	0
750 mg/l	0

FINAL RESULTS

FINAL RESULTS	
96 HOUR LC50 =	>750 mg/l
STATUS =	Pass
CALCULATION METHOD =	Binomial Test