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PREVENTION AND TOXICS

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Shell Oil Company

12772 One Shell Plaza
P.O. Box 4320
Houston, Texas 77210

8EHQ-0194-~~12815~~

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January 7, 1994

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Document Processing Center (TS-790)
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460
ATTN: 8(e) Coordinator

Dear Sir:

SUBJECT: ACUTE TOXICITY OF C16 SECONDARY ALCOHOL SULFATE, SODIUM SALT, TO THE FATHEAD MINNOW

The following information is submitted under TSCA 8(e) as a supplement to our submission of November 15, 1993.

Acute aquatic toxicity data for C16 Secondary Alcohol Sulfate, Sodium Salt, (CAS Number 7065-14-7) to the fathead minnow were determined to be:

1. The acute toxicity (96-hour LC_{50}) of C16 Secondary Alcohol Sulfate, Sodium Salt, to the fathead minnow was found to be between 0.27 and 0.90 mg/l.

Attached are copies of the preliminary data transmissions from the contracting Laboratory. The complete report will be sent to the Agency when available.

This report is filed to provide information EPA may find useful. In no way is it intended as a waiver of any rights or privileges belonging to Shell Oil Company as the reporting corporation, its agents or employees. The reporting corporation, its agents and employees, reserve the right to object to this report's use or admissibility in any subsequent judicial or administrative proceeding against the corporation, its agents or employees.

This report has been compiled based on information available as of the date of filing. The corporation, its agents and employees reserve the right to supplement the data contained in this report, and to revise and amend any conclusions drawn therefrom.

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This report contains no confidential business information.

The following person should be contacted if you have questions or a need for discussion.

J. C. Willett
Manager, Product Safety and Compliance
Shell Oil Company
P.O. Box 4320
Houston, TX 77210
Telephone No. 713-241-6958
Fax. 713-241-3325

Very truly yours,

R. N. Shulman

R. N. Shulman, General Manager
Health, Safety, and Environment
Shell Oil Company

GTY/sjh

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bc: J. C. Willett
G. A. Van Gelder
M. M. Cubillas
T. H. Gardiner
R. M. Mitchell/WRC
J. P. Sepesi/Washington
R. B. Dickehuth (SHRS 278-93-51 and 281-93-54)
PS&C D File

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WILDLIFE INTERNATIONAL LTD.

RESULTS OF STATIC-RENEWAL RANGEFINDING TEST WITH THE FATHEAD MINNNOW

Preliminary results not audited by Quality Assurance

SPONSOR: Shell Development Company

WIL PROJECT NO.: 109A-108

TEST SUBSTANCE: [redacted]

START DATE: December 13, 1993

Test Concentration (mg/L)	No. Dead / No. Exposed (Observations)[1]			
	Day 1	Day 2	Day 3	Day 4
Negative Control	0/5 (5 AN)	0/5 (5 AN)	0/5 (5 AN)	0/5 (5 AN)
0.081	0/5 (5 AN)	0/5 (5 AN)	0/5 (5 AN)	0/5 (5 AN)
0.27	0/5 (5 AN)	0/5 (5 AN)	0/5 (5 AN)	0/5 (5 AN)
0.90	5/5 (N/A)	5/5 (N/A)	5/5 (N/A)	5/5 (N/A)
3.0	5/5 (N/A)	5/5 (N/A)	5/5 (N/A)	5/5 (N/A)
10	5/5 (N/A)	5/5 (N/A)	5/5 (N/A)	5/5 (N/A)

[1] Observations: AN = Appears Normal, N/A = Not Applicable

Proposed Definitive Test Concentrations (mg/L) for Fathead Minnow 96-Hour Static Renewal:

Negative Control, 0.12, 0.19, 0.32, 0.54 and 0.9 mg/L

Sponsor Approval:

☐ Use above proposed test concentrations

Initials/Date

☐ Use the following test concentrations: _____

Please initial and date the appropriate box above and return via facsimile (410) 822-8915.