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Hoechst Celanese

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Department of
Environmental, Health &
Safety Affairs (DEHSA)

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8EHQ-0395-13307

March 13, 1995
RAJ-031-95

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Attn: TSCA Section 8(e) Coordinator
Document Processing Center (TS-790)
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, DC 20460

ORIGINAL

Subject: 8EHQ-95-13307

Dear Sir or Madam:

Additional fish toxicity information has been obtained for 3-(2H-benzotriazole-2-yl)-1',1',1'-tris(4-hydroxyphenyl)ethane.

The preliminary results of a rangefinding study to determine the toxicity levels of this chemical on rainbow trout eggs/embryos indicate that the LC₅₀ is in the range of 0.200 ppm. Summary information is found on the attached table.

The final report will be forwarded to EPA upon completion of the study.

This submission contains no confidential business information.

If any further information is required, do not hesitate to contact Dr. Richard A. Jourdenais, Manager, Product Stewardship at 908-231-3746.

Sincerely,

Susan Engelman
Vice President, Environmental, Health &
Safety Affairs

RAJ/mcs
Attachment

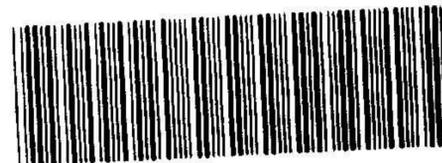
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Percent Hatch and Survival of Trout Eggs/Embryos in the Presence of C-1771. Static-Renewal Rangelinding Study.

Group	Nominal conc (ppb)	Measured range	Avg Conc (ppb)	Percent Hatch	Day-14 Survival	Day-15 Survival	
T5	500	180-630	380	90	1/18	0/18	
T4	250		190	90	11/18	7/18	
T3	100		74	80	18/18	18/18	
T2	25		19	100	18/18	18/18	
T1	10		7.5	100	18/18	18/18	
Control	0		0	100	18/18	18/18	
Solvent	0		0	100	18/18	18/18	

Only Group 1 concentration measured. Remainder extrapolated from nominal concentrations and percent loss from Group 1 measurements.

- All static renewal with three renewals total.
- Hatching occurred from day-8 through day-10.