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DSBG
Dead Sea Bromine Group

AMERIBROM, INC.
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March 2, 1999

Document Processing Center (TS-790)
ATTN: TSCA Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460

pdcn 8899000064

Re: Follow-up to 12/23/98 TSCA Section 8(e) Notification on Ammonium Bromide (CASN 12124-97-9)

Dear TSCA Section 8(e) Coordinator:

Ameribrom, Inc. is hereby submitting a follow-up to the TSCA Section 8(e) substantial risk notification mailed December 23, 1998 that pertained to initial results from a Preliminary Developmental Toxicity Study in Rats performed with ammonium bromide (Inveresk Research, Tranent, Scotland; project number 492371). The follow-up data are from the definite Developmental Toxicity Study in Rats performed with ammonium bromide (Inveresk Project No. 492387).

Time-mated female rats (24/group) were exposed to ammonium bromide via gavage at dose levels of 100, 300, and 1000 mg/kg/day during gestational days 6-19. The study was terminated on day 20 of gestation. Study observations included body weight, food consumption, viability, externally visible abnormalities, and clinical and developmental parameters.

While we have not received any tabulated data, preliminary word from the laboratory indicates some developmental findings. The laboratory has informed us that the following fetal abnormalities have been observed only in the high dose group (1000 mg/kg): absent left kidney and abnormal uterine horn/displaced testes. The preliminary incidence for the absent left kidney is approximately 10%. The biological significance of this data will be evaluated once the full results are available.

If you have any questions on this submission, please feel free to call me at 212-692-6633.

Sincerely,

Francis J. Koschier, Ph.D., DABT
Vice-President, HSE & Regulatory Affairs

CONTAINS NO CBI



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