

TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

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Tomorrow's Answers Today



November 17, 2009

US EPA Office of Pollution Prevention and Toxics
EPA East Building Room 6428
Attn: Section 8(e)
1201 Constitution Avenue, NW
Washington, DC 20004



09 NOV 18 AM 10:16

SECTION 8(e)

SUBJECT: TSCA 8(e) Notice

Dear TSCA Section 8(e) Coordinator:

On behalf of Akzo Nobel Functional Chemicals, LLC we are submitting un-audited interim draft results of an OECD 422 study on Nitrilotriacetone (NTAN) CAS# 7327-60-8.

Ten males and ten females were administered the test article by gavage for 2 weeks prior to mating, during mating, and through gestation and lactation (females) at 0 (vehicle control), 1, 10 and 45 mg/kg/day. In addition five male and five female rats were dosed with the test article at 0 and 45 mg/kg/day for the same duration without mating to serve as a recovery group.

In the high dose group, twelve of fifteen males appeared normal throughout the study while six of fifteen females appeared normal throughout the study. With the exceptions noted below, all other animals in the control and treated groups appeared normal throughout the study.

Some animals in the high dose group (45 mg/kg/day), predominately females, exhibited the following clinical signs of toxicity: discoloration around the mouth (1 male, 4 females) and inguinal fur (2 females), wet inguinal fur (3 females), red material around the nose (2 males, 1 female), irritability (2 females), head weaving (1 female), hypoactivity (1 female), labored breathing (2 females), repetitive behavior (1 female), discolored paws (1 female), rough hair coat (1 female), convulsions (2 females), cyanosis (1 female), loss of righting reflex (1 female), and salivation (1 female).

Alopecia was noted in one control, 2 mid and 3 high dose animals. One female in the mid dose group (10 mg/kg/day) was pregnant but there was no evidence of parturition. This was not considered treatment related.

Four animals in the high dose group (45 mg/kg/day) died spontaneously. One male was found dead on study day 19 of the cohabitation period. One female was found dead on study day 3 during the pre-cohabitation period. Another was found dead on lactation day 3. A recovery female was found dead on day 30 during the treatment period.

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Please contact me at (312) 544-7061 if you have any questions regarding this letter.

Sincerely,

Louette Rausch
Senior Staff Toxicologist
Akzo Nobel Services Inc./T&E
525 W. Van Buren
Chicago, IL 60607