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**AkzoNobel**

Tomorrow's Answers Today

8EHQ-0210-17837A

88100000166

February 22, 2010

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



**SUBJECT: TSCA 8(e) Notice**



Dear TSCA Section 8(e) Coordinator:

On behalf of Akzo Nobel Surface Chemistry LLC (AN SC LLC) we are submitting preliminary results of an OECD 422 reproduction/developmental toxicity screening test in the rat via oral gavage. This study is being conducted by our European company to satisfy REACH requirements.

The test substance is bis-(2-hydroxyethyl) coco alkyl amine (CAS# 61791-31-9). CAS# 61791-31-9 is classified as a corrosive, liquid amine under U.S. Department of Transportation regulations.

A 14-day range-finding study was performed in adult rats at dose levels of 75, 150 and 250 mg/kg/day via oral gavage. The results showed thickened and sloughing gastric epithelium in the 3 groups. Animals in the 250 mg/kg/day group showed signs of severe toxicity. Increased liver weights were reported in animals in the two lower dose groups.

In the definitive OECD 422 study, test animals were dosed with 0 (controls), 10, 30 or 125 mg/kg/day of test substance. Adult females in the high dose group showed lower body weight gains during the gestation and lactation phases of the study. Adult females and males in the high dose group showed a thickened (acanthosis and hyperkeratosis) epithelium of the forestomach. These findings are consistent with the strong, local irritant effect of the test substance.

Results from the high dose group showed lower litter sizes, live birth indices and viable litters. Some offspring in the high dose group were found dead at birth. In addition, findings of lower litter weights and bodyweight gains were reported in the offspring.

**CONTAINS NO CBI**



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These are preliminary results. The statistical analysis and full histopathology evaluations have not yet been completed.

Please contact me at (312) 544-7191 if you have any questions regarding this letter.

Sincerely,

Edwin C. Bisinger Jr., PhD, DABT  
Global Service Manager  
Regulatory & Applied Life Sciences  
Akzo Nobel Services Inc.  
525 W. Van Buren  
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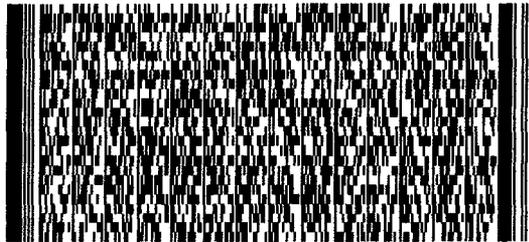
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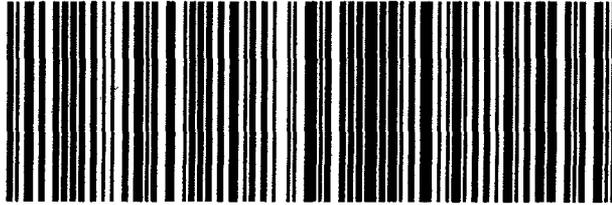


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