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AkzoNobel

Tomorrow's Answers Today

MR# 346554

June 27, 2012

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

Cc: Polymer Chemicals bv
Arkema France
Pergan GmbH
United Initiators GmbH & Co. KG

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SUBJECT: TSCA 8(e) Notice



Dear TSCA Section 8(e) Coordinator:

On behalf of Akzo Nobel Polymer Chemicals LLC we are submitting interim data, from an OECD 422, Combined Repeat Dose Toxicity with Reproduction/Developmental Toxicity Screening Test, with 2,5-dimethyl-2,5-di(2-ethylhexanoylperoxy) hexane, CAS# 13052-09-0. The study was sponsored by Akzo Nobel Polymer Chemicals bv.

Male and female rats were administered the test article by oral gavage at 0, 30, 300 and 1000 mg/kg bw/day, in Arachis oil BP.

One female was found dead on Day 98 (Week 14) of the study. Necropsy findings revealed enlarged adrenals and a reddened left lung lobe. No clinical signs had been observed for the animal prior to its death. This death is considered to have arisen by intubation error during dosing rather than an effect of treatment.

Additional necropsy findings included:

- Two malformed kidneys, in one male, of the 1000 mg/kg bw/day dose group and mottled appearance of kidneys, in two males, of the 1000 mg/kg bw/day.
- Increased kidneys weights, in males, at 300 and 1000 mg/kg bw/day
- Increased liver weights, in males, at 1000 mg/kg bw/day
- Decrease thymus weights, in males, at all dosages.



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

CONTAINS NO CBI



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Sincerely,

Louette Rausch
Expertise Leader Regulatory Affairs Americas
Akzo Nobel Services Inc.
525 W. Van Buren
Chicago, IL 60607

From: (312) 544-7315
FRANK THORNE
AKZO NOBEL SERVICES INC
525 WEST VAN BUREN STREET

CHICAGO, IL 60607

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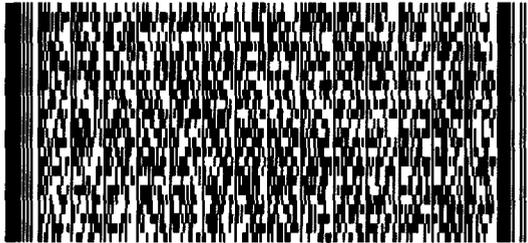
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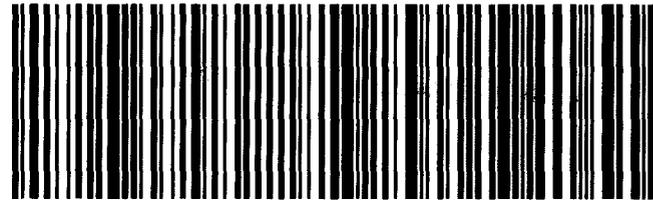
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