



Technology
& Engineering

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SECTION 8

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July 17, 2007

Office of Pollution Prevention and Toxics
U.S. EPA
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:

Members of the SPI Organic Peroxide Producers Safety Division (OPPSD) are sponsoring a research testing program on ethaneperoxoic acid, 1,1-dimethylethyl ester (CAS #107-71-1).

On behalf of Akzo Nobel Polymer Chemicals LLC, we are submitting the results of a range finding study (which is a part of the OPPSD research testing program) conducted with CAS #107-71-1, a 50% solution in aliphatic hydrocarbon solvent (CAS # 64742-48-9). The study was conducted to select dose levels for a definitive OECD 422 study.

The test material was prepared as a suspension in water with 1% carboxymethylcellulose which was also used as the vehicle control. Dose groups were: 0 (vehicle control), 60, 180, and 600 mg/kg. Doses were administered daily by oral gavage.

All animals survived the study and no abnormal findings were noted in any animal at necropsy in the mid and low dose groups. In the high dose group, all male animals were noted with organs (i.e. stomach, liver, spleen, and pancreas) adhered to the abdominal wall and a reddish discolored mesenterial lymph node. Two high dose females were also noted with a reddish discolored mesenterial lymph node. Some intestinal organs were adhered to the abdominal wall.

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

Sincerely,

Edwin C. Bisinger, Jr. PhD DABT
Manager, Regulatory Toxicology
Akzo Nobel Services Inc./T&E
525 W. Van Buren
Chicago, IL 60607

CONTAIN NO CBI

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Akzo Nobel Inc.
525 West Van Buren Street
Chicago, Illinois 60607-3835
Tel. (312) 554 7000
Fax (312) 544 7125

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



CHICAGO, IL 60607

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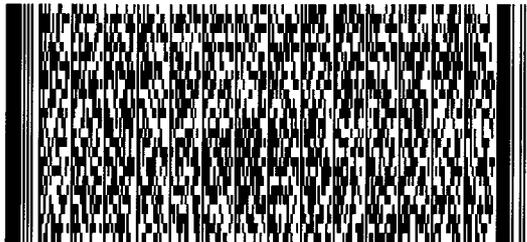
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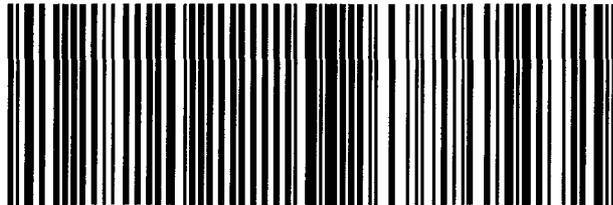


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