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Via Courier

March 24, 2008

TSCA Confidential Business Information Center (7407 M)
EPA East - Room 6428 - Attn: Section 8(e)
U. S. Environmental Protection Agency
1201 Constitution Avenue NW
Washington, DC 20004-3302



Re: CAS Number 26748-41-4, tert-Butyl peroxyneodecanoate

This submission is made by:
The Society of the Plastics Industry (SPI), Inc.
Organic Peroxide Producers Safety Division (OPPSD)
1667 K Street, NW - Suite 1000
Washington, DC 20006-1620

CONTAIN NO CBI

Dear TSCA Section 8(e) Coordinator:

On behalf of the members of the OPPSD that have sponsored research on this substance, SPI is reporting research results pursuant to Section 8(e) of the Toxic Substances Control Act.

A recently received draft report provides data from a 21-day *Daphnia* survival and reproduction study using tert-Butyl peroxyneodecanoate (CAS# 26748-41-4). This report does not involve effects in humans.

Nothing in this letter is considered confidential business information.

The following information is from the draft report "tert-Butyl peroxyneodecanoate: Effect on Survival and Reproduction of *Daphnia magna* in a Semi-Static Test over Three Weeks."

The effect of the test item tert-Butyl peroxyneodecanoate on the survival and reproduction of *Daphnia magna* was investigated in a semi-static test over 21 days following the OECD Guidelines for Testing of Chemicals, No. 211 (1998): "*Daphnia magna* Reproduction Test." The nominal concentrations tested were 0.020, 0.063, 0.20, 0.63 and 2.0 mg/L. Additionally, a control and a solvent control group were tested. The mean measured concentrations were calculated as time-weighted means of the test item concentrations measured at the start and the end of the test medium renewals. The EC50 was 0.32 mg/L and the NOEC was 0.049 mg/L.

Please contact me if you have any questions or require additional information. I can be reached by telephone at (202) 974-5217.

Sincerely,

Lynne R. Harris
Executive Director, OPPSD
Senior Vice President, Science and Technology



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cc: OPPSD Research Sponsors, CAS Number 26748-41-4

1667 K Street, NW, Suite 1000
Washington, DC 20006-1620

202.974.5200 tel
202 296.7005 fax

www.plasticsindustry.org

www.npe.org

