

TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

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CONTROL N°**

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8EHQ-09-17697

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10/23/09

COMMENTS:

DOES NOT CONTAIN TSCA CBI!

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OPPSD

2009 OCT 23 PM 2: 05

Via Courier

October 23, 2009

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 No. 614-45-9, tert-Butyl peroxybenzoate

This submission is made by:

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



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 report provides data from a 72-hour algal growth inhibition study using tert-Butyl peroxybenzoate (CAS No. 614-45-9). This report does not involve effects in humans.

Nothing in this letter is considered confidential business information.

The following information is from the report “Toxicity to *Pseudokirchneriella subcapitata* (Formerly *Selenastrum capricornutum*) in a 72-Hour Algal Growth Inhibition GLP Test.”

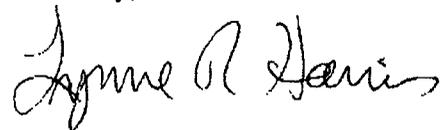
The effect of the test item tert-Butyl peroxybenzoate on the growth of the freshwater green algal species *Pseudokirchneriella subcapitata* (formerly *Selenastrum capricornutum*) was investigated in a 72-hour static test following the OECD Guidelines for Testing of Chemicals, No. 201: Freshwater Alga and Cyanobacteria, Growth Inhibition Test, 2006. The nominal concentrations tested were 0.10, 0.22, 0.46, 1.0, 2.2 and 4.6 mg/L. A control was also tested. The mean measured concentrations were calculated as geometric means of the test item concentrations measured at the start and the end of the test. The EC50 growth rate was 0.80 mg/L and the yield was 0.40 mg/L. The 72-hour LOEC was 0.19 mg/L and the 72-hour NOEC was 0.032 mg/L.

CONTAINS NO CBI

322312

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

Sincerely,

A handwritten signature in cursive script that reads "Lynne R. Harris". The signature is written in black ink and is positioned above the typed name.

Lynne R. Harris
Executive Director, OPPSD
Senior Advisor to the President

cc: OPPSD Research Sponsors, CAS No. 614-45-9

RETURN RECEIPT

TSCA Confidential Business Information Center (7407 M)
EPA East – Room 6428 – Attn: Section 8(e)

Submission by:
Organic Peroxide Producers Safety Division (OPPSD)
The Society of the Plastics Industry, Inc. (SPI)

Re: CAS No. 614-45-9, tert-Butyl peroxybenzoate

Received by: _____

Date: _____