

CODING FORMS FOR SRC INDEXING

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		TSCA Section	8E
Submitting Organization	CONFIDENTIAL		
Contractor			
Document Title	INITIAL SUBMISSION: LETTER FROM [] TO USEPA REPORTING RESULTS OF TWO ENVIRONMENTAL EFFECTS STUDIES OF []. A FUNCTIONALIZED POLYMETHINE INFRA RED ABSORBER, DATED 122099 (SANITIZED)		
Chemical Category	FUNCTIONALIZED POLYMETHINE INFRA RED ABSORBER		

**INITIAL
SUB-
MISSION**

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December 20, 1999

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

CONFIDENTIAL BUSINESS INFORMATION

Document Processing Center (TS-790)
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

MR 30381

Confidentially Sanitized

Attention: 8(e) Notification Co-ordinator

Generic Name: Functionalized Polymethine Infra red absorber
Chemical Name: []
CAS number: Not known
Company Code: []
Test(s): Acute Fish and Algal Toxicity Screening Studies

[] received results of two toxicity studies [] In an acute Fish toxicity study the LC50 was 0.03 mg/L. The acute Algal EbC50 was 0.03 mg/L.

This substance is not yet listed on the TSCA inventory and is under evaluation as a infrared absorber. This substance is currently only used as a research and development chemical by technically qualified laboratory personnel, who have been made aware of these findings and have reviewed their handling procedures. If this chemical is commercialized, it would be manufactured [], with some eventual [] use in []

[] considers the specific chemical identity and CAS number of this substance confidential business information. Disclosure of the link between our company and this notice will provide the public and competitors with information that would be detrimental to our competitive position. Substantial measures have been taken to prevent public disclosure to anyone other than company personnel, limited government disclosures, and other persons under contract to us, that we even have a compound which has reached this stage of development. The disclosure of our company's identity as the submitter of this information would alert our competition as to the status of our research program and, therefore, significantly affect any marketing advantage that we possess. Because we are pursuing possible notification of this material, any disclosure of the chemical

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identity will also result in substantial harm to our competitive and proprietary position. []
] also claims the names of our employees, and the name and location of our research facility as confidential. We believe that this information would provide a link between our company and this notice. A non-confidential version of this notice is enclosed for the public record.

Sincerely,

[]
[]

[]: TOXICITY TO THE GREEN ALGA, *SELENASTRUM CAPRICORNUTUM*

SUMMARY RESULTS

	Area (biomass)	Growth rate
No observed effect (P=0.05) concentration (mg l ⁻¹)	0.010	0.010
Lowest significant effect (P=0.05) concentration (mg l ⁻¹)	0.10	0.10
Median effective concentration (E _b C50/E _r C50) (mg l ⁻¹)	0.033	0.21

[]: ACUTE TOXICITY TO RAINBOW TROUT, *ONCORHYNCHUS MYKISS*

SUMMARY RESULTS

No observed effect concentration (mg l ⁻¹)	0.010
Lowest effect concentration (mg l ⁻¹)	0.10
Median effective concentration (LC50) (mg l ⁻¹)	0.032

NB 1.0 and 0.1 mg l⁻¹ concentrations showed 100% mortality at 24 hours.
No mortalities or

CERTIFICATE OF AUTHENTICITY

THIS IS TO CERTIFY that the microimages appearing on this microfiche are accurate and complete reproductions of the records of U.S. Environmental Protection Agency documents as delivered in the regular course of business for microfilming.

Data produced 10 18 00 Mary J. Jurek
(Month) (Day) (Year) Camera Operator

Place Syracuse New York
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END