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TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ-08-17208	89110000303	5/4/11

COMMENTS: COMMUN S (DECLASS)

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MR#335135

BASF

The Chemical Company

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11 MAY -4 AM 10: 28

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April 29, 2011

Via Federal Express

Attention: TSCA Declassification Coordinator

United States Environmental Protection Agency
Office of Pollution Prevention and Toxics
Confidential Business Information Center (CBIC)
EPA East Building, Room 6428
1201 Constitution Avenue
Washington, DC 20004

8EHQ-08-17208

Subject: Declassification Activity, Health and Safety Filing
DCN: 8EHQ-08-17208

Dear TSCA Declassification Coordinator:

In response to Mr. Sherlock's electronic mail request of March 16, 2011 regarding confidentiality claims for the identity of the chemical substance that was reported under TSCA Section 8(e) dated July 8, 2008, BASF Corporation hereby withdraws all claims of confidentiality made with respect to the Section 8(e) report in question.

Please note that this withdrawal of confidentiality is intended only to allow EPA to reveal to the public the information that was claimed confidential at the time of the report in question. BASF Corporation is not relinquishing any property rights in the study in question.

Attached is a public version of the document (copy of the original submission), with the declassified data circled and document control number (DCN) identified.

If you have any questions regarding this letter, please contact Janet Cerra at (973) 245-6693.

Sincerely,

Janet Cerra

Janet Cerra

/

Enclosure

89110000303

876th_CBI DeclassLetter.doc

BASF Corporation
100 Campus Drive
Florham Park, NJ 07932
Tel (800) 526-1072
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CONTAINS NO CBI

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The Chemical Company

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Contains Confidential Information

July 8, 2008

Declassification Activity, Health and Safety Filing
DCN: 8EHQ-08-17208

Via Federal Express

United States Environmental Protection Agency - East
Attn: TSCA Section 8(e)
Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004

Subject: Notice in Accordance with Section 8(e): Results of A Subchronic Inhalation Study in Wistar Rats with Nanocyl NC 7000 (CAS No. 7782-42-5)

Dear Sir/Madam:

BASF Corporation is submitting results of A Subchronic Inhalation Study in Wistar Rats (Wistar/HanRcc:WIST (SPF) with Nanocyl NC 7000 (CAS No. 7782-42-5), conducted by BASF SE, Ludwigshafen, Germany. The test substance is used as an additive in plastics production.

The study was carried out in accordance with the requirements of the international guideline:

- OECD Guidelines for Testing of Chemicals, Guideline 413

Scope of the examination

Ten male and ten female Wistar rats per test group were nose-only exposed to dust aerosol of Nanocyl NC 7000 for 6 hours a day on 5 days per week for 90 days (65 exposure). The target concentrations of the test groups were 0, 0.1, 0.5 and 2.5 mg/m^3. The dust atmosphere was generated by a brush dust generator.

The following is a summary of the most relevant results:

The measured concentration was 0.10, 0.51 and 2.50 mg/m^3. The mass median aerodynamic diameters ranged between 0.7 and 2.0 µm.

At 2.5 mg/m^3, slight neutrophilia was observed during the hematological examinations. During necropsy, increased absolute (+82 % for males, +91 % for females) and relative (+81 % for males, + 90 % for females) lung weights were noted. Light microscopic examination revealed moderate granulomatous inflammation, severe alveolar histiocytosis, lipoproteinosis and minimal neutrophilic infiltration.

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At 0.5 mg/m^3, increased absolute (+24 % for males, +33 % for females) and relative lung weight (+23 % for males, +34 % for females) were observed during necropsy. The histological findings were similar to those described above but of less severity.

At 0.1 mg/m^3, four female and one male animal showed single granulomas comparable to the animals of the other concentration groups. Although these findings were of minimal grade, they are considered to be treatment-related adverse effects.

Therefore, under the described study conditions, the No Observed Effect Concentration (NOEC) is below 0.1 mg/m^3.

BASF Corporation understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a sanitized version of this letter is enclosed, treating the chemical identities as confidential business information.

The information considered confidential is highlighted, in accordance with U.S. EPA policy. The non-confidential name can be referred to as "Carbon Nano Tube."

A confidentiality substantiation questionnaire is being submitted for this substance.

Please send all correspondence related to this submission to the attention of Janet Cerra. If you have any questions, please call (973) 245-6693.

Sincerely,

Janet Cerra

Janet Cerra

876th Confidnt'l Letter.doc

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From: (973) 245-6693
Janet Cerra
BASF
100 Campus Drive

Florham Park, NJ 07932

Origin ID: LKKA

FedEx Express

J11151102250225

Ship Date: 02MAY11
ActWgt: 1.0 LB
CAD: 4487533/INET3130

Delivery Address Bar Code

Ref # US635018
Invoice #
PO #
Dept #

SHIP TO: (202) 564-8257 BILL SENDER

TSCA Declassification Coordinator
USEPA
EPA East Building, Rm. 6428 (CBIC)
1201 Consitution Ave.
Washington, DC 20004

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