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September 23, 2010

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Via Federal Express

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



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Subject: Notice in Accordance with Section 8(e): Results of a 14-Day Inhalation Toxicity Study in Wistar Rats with N-ethylpyrrolidone-2 (CAS No. 2687-91-4)

Dear Sir/Madam:

BASF Corporation is submitting results of a Sub-Acute 14-Day Inhalation Toxicity Study in rats with N-ethylpyrrolidone-2 (CAS No. 2687-91-4), conducted by BASF SE, Ludwigshafen, Germany. The substance is a solvent.

Part of this study was carried out in accordance with the requirements of the international guideline: OECD Guidelines for Testing of Chemicals, Guideline 412 (7 Sep 2009).

Scope of the Examination

5 Wistar rats per sex and dose were nose-only exposed to liquid aerosol (with vapor fraction) of N-ethylpyrrolidone-2 for 6 hours a day on 14 consecutive days. The target concentrations of the test groups were 0, 250, 500 and 750 mg/m³.

When compared with the control group, the following histopathological treatment-related findings were noted in male Wistar rats after 14 days of inhalation:

High concentration (750 mg/m³):

Nasal cavity (level II, III, IV)

- Degeneration and regeneration of the olfactory epithelium in 5 out of 5 examined animals

Testes

- minimal or slight diffuse tubular degeneration in 4 animals

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Mid concentration (500 mg/m³):

Nasal cavity (level II, III, IV)

- Degeneration and regeneration of the olfactory epithelium in 5 out of 5 examined animals

Testes

- minimal diffuse tubular degeneration in one animal

Low concentration (250 mg/m³):

Nasal cavity (level II, III, IV)

- Degeneration and regeneration of the olfactory epithelium in 5 out of 5 examined animals

Testes

- minimal diffuse tubular degeneration in one animal

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

If you have any questions, please call Janet Cerra at (973) 245-6693.

Sincerely,

Janet Cerra

Janet Cerra
Product Regulatory Center of Expertise
North America

/

1108th Letter.doc

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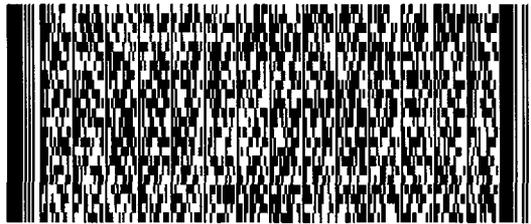


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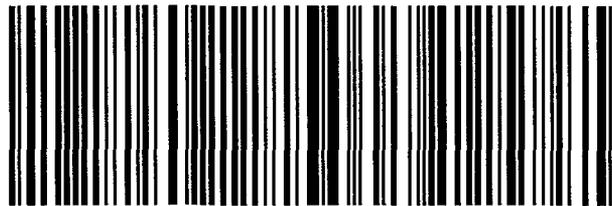
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