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November 18, 2010



Via Federal Express

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

11/18/10 10:29 AM

Subject: Notice in Accordance with Section 8(e): Results of an Acute Inhalation Study in Wistar Rats with (hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine (CAS No. 4719-04-4) as Liquid Aerosol

Dear Sir/Madam:

BASF Corporation is submitting information on an Acute Inhalation Study in Wistar Rats (RccHan:WIST(SPF)) with (hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine (CAS No. 4719-04-4), purity 73.3% aqueous, conducted by BASF SE, Ludwigshafen, Germany. The substance is an industrial chemical.

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

- OECD Guidelines for Testing of Chemicals, Guideline 403

Scope of the examination

Groups of five female and five male rats were exposed nose-only to the liquid aerosol of the substance for 4 hours. The surviving animals were observed for clinical signs of toxicity for 14 days. The measured exposure concentrations were 0.26 mg/L, 0.485 mg/L and 1.07 mg/L.

The following is a summary of the most relevant results:

Within day 1 of the study, three of the five male and all five female rats exposed at 1.07 mg/L died. The other surviving animals in this group were in poor general condition (apathy or laid on lateral position) and were sacrificed moribund also at study day 1. At 0.485 mg/L, three of the five males and three of the five females died within 3 days after the exposure. At 0.26 mg/L, one of the five male and two of the five female animals died during exposure or by study day 2.

DCN:8811000067

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Clinical signs of toxicity comprised generally gasping, respiration sound, abdominal respiration, nose discharge, red encrusted nose, salivation, distended abdomen, piloerection, yellow-discolored and/or substance-contaminated fur. Necropsy revealed dilated stomach and or small intestine with gaseous content. Histopathological evaluation was performed only at 1.07 mg/L and revealed moderate to severe diffuse erosion and ulceration with accompanying inflammation in the nasal cavity and larynx in several animals.

Under the described study conditions, the LC50 value was estimated to be 0.371 mg/L for both genders (0.400 mg/L for males and 0.338 mg/L for female rats).

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

/jc

1120th Letter.doc

From: Origin ID: LKKA (973) 245-6693
 Janet Cerra
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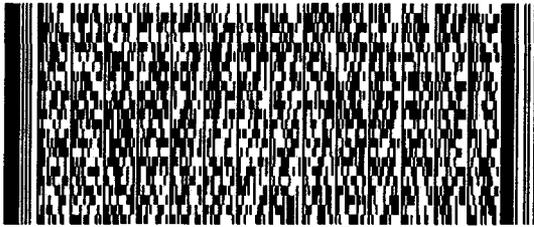


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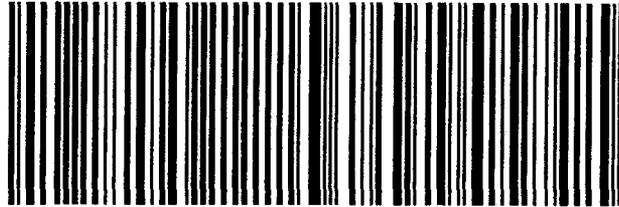


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