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April 30, 2009

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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

Subject: Notice in Accordance with Section 8(e): Preliminary Data of an In Vivo Mouse Micronucleus Test with 2-Methyl-2-buten (CAS No. 513-35-9)

Dear Sir/Madam:

BASF Corporation is submitting results of an In Vivo Mouse Micronucleus Test with 2-Methyl-2-buten (CAS No. 513-35-9) in NMRI and B3C6F1 mice after twice inhalation exposure for 6 hours each.

The test substance was tested for its clastogenic and aneugenic potential in a micronucleus test at 1,000, 3,000 and 10,000 ppm using male and female NMRI mice and 10,000 ppm using male and female B6C3F1 mice. The animals were sacrificed 24 hours after twice inhalation exposure for 6 hours each.

The following is a summary of the most relevant results:

A dose-related biologically relevant increase in polychromatic erythrocytes containing micronuclei was observed at 1,000, 3,000 and 10,000 ppm using male NMRI mice and at 3,000 and 10,000 ppm using female NMRI mice, respectively. In addition, both gender of the B6C3F1 mice showed strongly increased numbers of micronucleated polychromatic erythrocytes at 10,000 ppm.

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,

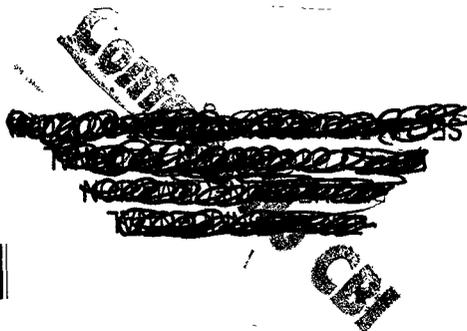
Janet Cerra

Janet Cerra
Product Regulatory Center of Expertise
North America



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BASF Corporation
100 Campus Drive
Florham Park, NJ 07932
Tel: (800) 526-1072
www.basf.com/usa



From: Origin ID: LKKA (973) 245-6693
 Janet Cerra
 BASF
 100 Campus Drive
 Florham Park, NJ 07932



J90119901302823

Ship Date: 30APR09
 Act/Wgt: 1.0 LB
 CAD: 4487533/NET9011
 Account#: S *****

Delivery Address Bar Code

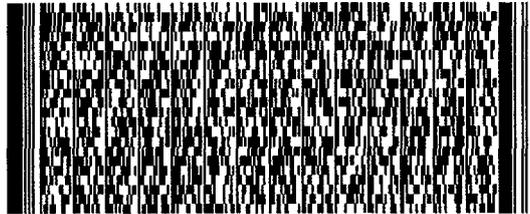


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Washington, DC 20004

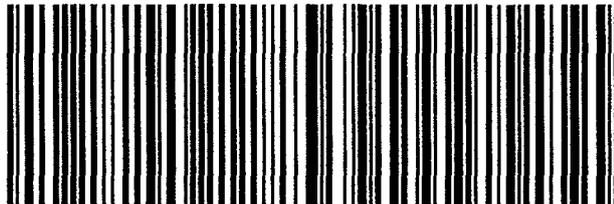
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