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Attn: TSCA Section 8(e)
U.S. Environmental Protection Agency
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Subject: Notice in Accordance with TSCA Section 8(e): Results of an OECD 421
Reproduction/Developmental Toxicity Screening Test in Wistar rats with
Propargyl Alcohol

Ladies and Gentlemen:

BASF Corporation and ISP Technologies, Inc. are submitting results of an OECD 421
Reproduction/Developmental Toxicity Screening Test in Wistar rats (strain
CrIGxBrlHan:WI) with Propargyl Alcohol, CAS No. 107-19-7. The test substance is an
ICCA/HPV compound.

Scope of examinations:

The study was carried out in accordance with the requirements of the following guidelines:

- OECD Guidelines for Testing of Chemicals, Guideline 421
- EPA, Health Effects Test Guidelines; OPPTS 870.3550

The test substance was administered as an aqueous solution by oral gavage to groups of
10 male and 10 female Wistar rats (F0 animals) at doses of 5, 15 and 45 mg/kg body
weight/day. Two weeks after the beginning of treatment, the F0 animals were mated to
produce a litter (F1). Pregnant females were allowed to litter and the offspring were
brought-up until postnatal day 4. The males were treated for approx. 5 weeks (2 weeks
premating, 2 weeks mating, 1 week postmating). In females treatment lasted from 2 weeks
premating, during mating (2 weeks) and gestation through day 4 after delivery.

The following is a summary of the most relevant results:

Three animals (2 males and 1 female) from the top dose group died during the first week of
treatment (from study day 3 to study day 7). Before their death, these animals and one
additional female from the same dose group showed an impairment of their general state of

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health. A significant reduction of food consumption and body weight gain were also reported in animals from top dose group. After one week, the treatment was discontinued and the animals were sacrificed and assessed by gross pathology. No test substance-related findings were observed during gross pathology. No fertility and reproduction data were recorded in these animals.

No test substance related effects at all were noted in the 5 and 15 mg/kg body weight/day dose groups.

Although the findings are not considered to present a substantial risk to human health or the environment, BASF Corporation and ISP Technologies, Inc. understand that reporting of the results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please send all correspondence related to the TSCA 8 (e) submissions to the Wyandotte, MI address listed below.

If you have any questions please call Dr. Sree Jasti at 734-324-5107. Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script that reads "Sree Jasti".

Sree L. Jasti, Ph.D.
Product Regulatory Center of Excellence
BASF Corporation
1609 Biddle Avenue
Wyandotte MI 48192-3899

Enc.

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