

US EPA ARCHIVE DOCUMENT

DATE OUT: 12 May 2005

SUBJECT: EP [] MP [x] PRODUCT CHEMISTRY REVIEW
DP BARCODE No.: D302787
REG./File Symbol No.: 7969-198
PRODUCT NAME: Boscalid Technical
COMPANY: BASF Corp.
FOOD USE: [] PC CODE: 128008
Decision No. 338664 Integrated Formulation []

TO: RM #22, Cynthia Giles-Parker/Robert Westin
Fungicide Branch
Registration Division (7505C)

FROM: Bruce F. Kitchens, Chemist
Technical Review Branch
Registration Division (7505C)

Bruce F. Kitchens 12 May 2005
SPM 5/12/05

INTRODUCTION:

The registrant, BASF Corporation, is submitting product chemistry data required in the 21 July 2003 conditional registration of Boscalid Technical. The active ingredient in this product is Boscalid Technical (BAS 510 F) at a label nominal concentration of 99.0% a.i. This product is intended for use in the manufacture of fungicide end-use products. With this submission, the registrant has submitted product chemistry data contained in MRID#s 462200-01 and 462200-02 to satisfy the data requirement for preliminary analysis. The Technical Review Branch (TRB) has been asked to review this submission.

SUMMARY OF FINDINGS:

TRB has reviewed this submission and reports the following findings:

1. The registrant has submitted the following product chemistry studies:

Forster, R., Characterization of Five Batches of BAS 510 F Technical Grade Active Ingredient, BASF Aktiengesellschaft, BASF Registration Documents No. 2003/1011971, 04 June 2003, MRID No. 462200-01.

In this study, five representative batches of the technical active ingredient were analyzed by HPLC for active ingredient content. See confidential appendix for details.

2. Riehle, U. Determination of PCDD/F and PCB in Boscalid, BASF Registration Documents No. 2003/1013743, 09 Apr 2003, MRID No. 462200-02.

In this study, the impurity analysis of each individual batch is presented. See confidential for details.

CONCLUSIONS:

TRB has reviewed this submission and concludes the following:

1. The following studies have been reviewed and determined to be acceptable:

Forster, R., Characterization of Five Batches of BAS 510 F Technical Grade Active Ingredient, BASF Aktiengesellschaft, BASF Registration Documents No. 2003/1011971, 04 June 2003, MRID No. 462200-01 and

Riehle, U. Determination of PCDD/F and PCB in Boscalid, BASF Registration Documents No. 2003/1013743, 09 Apr 2003, MRID No. 462200-02

2. This submission satisfies the data requirements for Preliminary Analysis (830-1700) and the Discussion of Formation of Impurities (830-1670) are satisfied.

CONFIDENTIAL APPENDIX

EP [x] MP [] PRODUCT CHEMISTRY REVIEW

BARCODE No.: D302787 REG./File Symbol No.: 7969-198
PRODUCT NAME: Boscalid Technical
Reviewer: BKitchens Company: BASF Corp.

1. The preliminary analysis of Boscalid Technical reveals a mean active ingredient concentration of 98.5% a.i. The active ingredient concentration ranged from 96.932 to 99.307%.

2.

