

US EPA ARCHIVE DOCUMENT

MEMORANDUM

SUBJECT: Propiconazole Reregistration. Ciba 10/20/94 & 4/21/95 Submissions [61-2 & Series 63 Data for the Technical; 122101-100] in Response to the Phase 4 DCI. Rereg. Case # 3125, MRIDs 43420701 & 43698701, CBRSS 14752 & 15949, DP Barcodes D209608 & D217383.

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Ciba Crop Protection Ciba-Geigy Corporation has on 10/20/94 & 4/21/95 submitted additional product chemistry data in response to the Phase 4 Data-Call-In [DCI]. The current supplemental data are in support of the reregistration of CGA-64250 technical [propiconazole]; EPA Reg. No. 122101-100. The first study [MRID 43420701], dated 9/13/94 & submitted on 10/20/94, addresses Guideline [GL] 61-2 and is a supplement to MRID 40583701, which was reviewed by SRRD and administratively judged "unacceptable". The second study [MRID 43698701], dated 9/01/94, "originally submitted on 10/20/94 and resubmitted 3/24/95", and again

resubmitted on 4/21/95, addresses GLs 63-2, 63-3, 63-4, 63-6, 63-7, 63-10, 63-11, 63-12, & 63-13 and is a supplement to MRIDs 42030201 & 40583703. MRID 42030201 was evaluated in our Phase 4 review dated 6/25 & 30/92 by B. Cropp-Kohlligian, F. Fort, & F. Toghrol. MRID 40583703 was administratively judged "unacceptable" by SRRD.

CONCLUSIONS: The available data now satisfy GLs 61-2 & 63-2, -3, -4, -6, -7, -10, -11, & -12. The GL 63-13 data gap remains outstanding. The sensitivity of the A.I. to metal ions is still required.

61-2. Description of starting materials & manufacturing process.

The registrant has given the required information. It is discussed in the CONFIDENTIAL APPENDIX. No additional information is required under this topic.

PHYSICAL & CHEMICAL CHARACTERISTICS

63-2. Color	Clear, yellowish
63-3. Physical state	Viscous liquid
63-4. Odor	Very slight mild odor
63-6. Boiling point	>250 C @ 101.325 kPa, 120 C @ 1.9 Pa
63-7. Density	1.289 g/cm ³ typical @ 20 C
63-10. Dissociation const.	pKa 1.09
63-11. Octanol/water Partition coeff.	log P _{ow} = 3.72 @ 25 C @ pH = 6.6
63-12. pH	4.9 @ 25 C [1% aq. dispersion]
63-13. Stability	<u>Sunlight</u> - <1% chemical decomposition of A.I. after 24 hrs. exposure in an open Pyrex glass beaker to a xenon arc lamp, which closely approximates the spectrum

of natural sunlight.

Metal & metal ions - No loss of
A.I. occurred after 2 weeks storage
in carbon steel at 50 C.

Sensitivity to metal ions must be
determined.

ATTACHMENT: Confidential Appendix [2 pages]

cc with Confidential Appendix: Dockter, RF, SF, List B File.

cc without Confidential Appendix: Circ.

RD/I ARRathman 1/23/96; RBPerfetti 1/23/96; EZager 1/23/96

7609C:CBRS:KD:kd:CM#2:Rm804S:305-7886:January 26, 1996

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