

6-11-92

DATE: IN 12-5-91* OUT 6-11-92

* submissions received 10-3-91 and 11-5-91 have been combined with the latest one as is reflected below, to enable all the data to be reviewed at one time
FILE OR REG. NO. 432-TAG

PETITION OR EXP. PERMIT NO.

DATE DIV. RECEIVED September 6^①, October 28^② and November 22, 1991^③

DATE OF SUBMISSION July 31, October 17 and November 14, 1991

DATE SUBMISSION ACCEPTED

TYPE PRODUCT(S): (I), D, H, F, N, R, S

DATA ACCESSION NO(S) 420154-09, 10, 11, 12, 13, 14, 15, 16; 420260-02, 03, 04, ④
420691-01, 02; D169327; S403294; D170766; S403291; ⑤

PRODUCT MGR. NO. 421014-01; D171959, S407818; Case #006590; Action Codes: 101^{①, ②, ③}, 100^④
13-La Rocca/Heyward

PRODUCT NAME(S) K-Othrine[®] SC 5.0 Insecticide

COMPANY NAME Roussel Bio Corporation

SUBMISSION PURPOSE Provide to support claims for premise and structural pests for this new chemical to be used in non-food areas and for residential, industrial & institutional control

CHEMICAL & FORMULATION Deltamethrin: (S)-alpha-cyano-3-phenoxybenzyl-(1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate 4.75%

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CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Numbers 420260-02 and 420154-09, having been obtained from laboratory tests meeting essential requirements of § 95-11(b) on p. 268 and the standard of § 95-11(c)(2)(ii)(A)(a) on p. 270 of the Product Performance Guidelines, are adequate to support the claim for fleas indoors and outdoors and/or as a contact spray with the subject product. The data presented in MRID No. 420154-10 are adequate to support the claim for ticks as a contact spray and together with information in 'Insecticide & Acaricide Tests' Volumes 2-7 are adequate to support indoor and outdoor tick control. The data in MRID Nos. 420260-03, 420154-11 and -12, compiled in 420154-13 (pp. 4-18, 68-149 and 150-3), 420154-16 and 421014-01, are adequate to support a general cockroach claim for both the maintenance and clean-out rates used indoors or outdoors. The data in MRID No. 420154-13 together with information in 'Insecticide & Acaricide Tests' Volumes 2-7 are adequate to support claims for flies and mosquitoes indoors and outdoors and by extension, midges and gnats indoors; and for bedbugs and lice indoors. The data compiled in MRID No. 420154-14, having been obtained from laboratory and field tests meeting requirements of § 95-12(a) on pp. 271-2 and § 95-12(b)(1)(iii) on p. 273 of the Guidelines are adequate to support claims for localized control only of the Formosan and Eastern subterranean termites in or near infested wood members, with 6-12 months inspections required. Data in MRID Nos. 420154-15 and 420260-04 are duplications of 420260-02 and 420154-11, respectively. Data in MRID Nos. 420691-01 and -02 support the claim for carpenter ants but not the need for the 0.06% concentration. Claims for fire ant mound control and vectors of Lyme disease require data on fire ants and deer ticks, respectively, with the

Claims for crawling pests named on the label are accepted on the basis of activity against cockroaches (centipedes, earwigs, firebrats, millipedes, silverfish, carpet beetles, crickets, pillbugs and sowbugs) and activity against ticks (scorpions and spiders); claims for flying insects on the label are accepted on the basis of activity against flies (bees, clothes moths, hornets, killer bees, yellow jackets, wasps and carpenter bees). The claim for formicites should be supported by data references. RL, Joan L, Mx, Farland, IRB

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