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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

PMSD/ISB

FEB 27 1989

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: EPA Reg. No. 3125-123. Guthion<sup>R</sup> 2S (Azinphos-methyl) on parsley. No MRID No. DEB No. 4879.

FROM: Linda S. Propst, Chemist *Linda S. Propst*  
Dietary Exposure Branch  
Health Effects Division (H7509C)

THRU: Andrew R. Rathman, Section Head *AR*  
Special Registration Section 1  
Dietary Exposure Branch  
Health Effects Division (H7509C)

TO: Dennis Edwards, PM #12  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Agricultural Chemicals Division of Mobay Corporation is requesting a federally registered use for Guthion<sup>R</sup> 2S on parsley (root and moss curled).

Tolerances have been established for residues of the insecticide O-O-dimethyl S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate in or on parsley leaves at 5 ppm and in or on parsley roots at 2 ppm (40 CFR 180.154).

There is no federally registered use of azinphos-methyl on parsley. The 50% WP formulation is registered for foliar application at 0.5 lb. ai/A in MD, NJ, and OH. The 2 lb/gal EC formulation is also registered for foliar application at 0.5 lb a.i./A in OH and Md. No more than three applications by ground equipment may be made per year. A 21-day PHI is in effect.

The proposed use for Guthion<sup>R</sup> 2S on parsley contains the same application rate, number of applications, and PHI as the currently registered labels for Guthion<sup>R</sup> 50 WP and Guthion<sup>R</sup> 2EC on parsley.

Recommendations

Dietary Exposure Branch has no objections to federally registering Guthion<sup>R</sup> 2S on parsley (root and moss curled) as proposed.

cc: Reading File, Circulation, Subject File, Guthion<sup>R</sup> Reg. Std.  
File, Reviewer, PMSD/ISB, Branch Chief  
RDI: A. R. Rathman, 2/24/89; E. Zager, 2/24/89  
H7509C:DEB:LSP:lsp:CM-2:Rm803C:557-7324:2/24/89