We have reviewed the alternate formulas for ORTHO Paraquat CL and recommend that the complete series of acute toxicology tests and skin and eye irritation studies be conducted on formulations J and K. The J and K formulations include paraquat and emetic (PP-796) with and without valeric acid, respectively.

In addition, we suggest that all emeticized paraquat products contain at least 0.05%, by weight, PP-796. Results of a human volunteer study indicated that the estimated effective emetic dose of PP-796 was approximately 0.08 mg PP-796/kg. Alternate formulations G and H contain 0.04%, by weight, PP-796 and based on the above findings it could be argued that a 60 kg man drinking 10 ml of concentrated emeticized paraquat would not receive the demonstrated emetic dose of PP-796. For this reason, we recommend the minimum amount of PP-796 in paraquat CL to be 0.05% by weight.

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