



Chevron Environmental Health Center, Inc.

771.1996
Pg CL

Richmond, CA
February 7, 1983

ORTHO PARAQUAT CL
ALTERNATE FORMULAS

L. R. STELZER
Chevron Chemical Company

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.

RDCavalli/JEF

R. D. CAVALLI

JEF:ydb-A

- cc: A. P. Brown
- G. M. Doppelt
- J. K. Kodama
- J. A. MacGregor
- W. E. Mussman
- J. N. Ospenson

*Question Utility of Studies
would change label precautions!
Cent. would change Oral & Dermal LD50
Perhaps could do on irritation
Eye irritation
Skin irritation.*

Comment

Chevron Chemical Co. R & D Regist. & Regul. Affairs	
FEB 8 '83	
Re.	Initials
1	L. R. Stelzer
	H. D. Byrne
	J. K. DiMaggio
	D. F. Dye
2	F. X. Kamienski
	J. K. Kodama
	T. H. Liddicoet
	D. W. Murphy
	N. J. Rachman
	F. E. Romans
R & D Files <input checked="" type="checkbox"/>	

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