Description of the Product -

Diethylene Glycol bis-Di-2-Chloroethyl Phosphate

Probable End Uses -

Used as a flame retardant plasticizer in urethane foams, phenolic resins and cellulosic coatings and molded products.

A. Is the acute toxicity (via oral ingestion, skin absorption, inhalation) known or can it be estimated by analogy based on data for chemically related compounds? Indicate below:

	Known		Estimated
1) oral LD_{50} -rats	1560	or	_____ mg/kg
2) skin absorption MLD-rabbits	>7940	or	_____ mg/kg
3) inhalation effect	_____	or	non volatile
4) skin irritation potential	non.	or	_____
5) eye irritation potential	slight	or	_____

B. Are harmful effects from repeated or chronic exposures known or can they be predicted by analogy?

No.

C. Will 1) wastes from manufacturing
2) anticipated use, and/or
3) ultimate disposal of end product create environmental problems because product fails to readily degrade or decompose?

No.

D. Is there an indication based on data or analogy, that the product can be stored or concentrated in biological systems?

No.

E. Is it likely that harmful secondary reaction products will arise from a harmless-appearing parent as a result of chemical, biochemical, or biological activity in the environment?

No.

NOTE: The Medical Department should be consulted for answers to Questions A and B. Questions C - E require speculation by people knowledgeable about the process and end use.

Data for question A is from Acute Toxicity Screening report, memo W.H. Hunt to S.F. Joyce 12/2/71.

Questions B,C,D, and E answered by anolgy to other phosphate esters, very little data available.

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