

US EPA ARCHIVE DOCUMENT

5/31/78

Subject: Carbaryl & adjustment of ADI

From: Peter Engler
Toxicology Branch

To: Mr Ed Gross
Fed. Register Section
and

Frank Sanders PM #12

Petition No: 6E1848

Caswell No: 160

Upon a rereview of the published one year do feeding study contained in PP#902, it became clear that the negative results of the plasma and erythrocyte cholinesterase determinations at the "sub-chronic" grading of the one year study are sufficient to require a more stringent safety factor than the 10 fold previously indicated by me in my February 14, 1978 memo. Mr Ed Gross subjected "Incremental Risk Analysis (human hazards) for Carbaryl 0.2% tolerance on sweet potatoes" (This increases the safety factor from 10 to 100 changes ADI to 0.1 mg/kg/day but does not adversely affect the existing tolerances nor the ~~capacities~~ ^{capacities} to establish additional tolerances.

Orban's Series

25/11

	chem		
155	✓	6F0401	✓ reproduction data
165	✓	405	✓
167	✓	7E0518	✓
169	✓	7F0537	✓
193	✓	7F0538	✓
203	?	0F0902	✓
212	?	2F1220	✓
222	?	3E1324	✓
228	?	3F1330	✓
231	✓	5E1564	✓ Note changed rat ^{by NEL} NEL
236	✓	6E1781	? ✓
243	✓	6E1796	✓
263	?	6E1847	✓ ✓
277	✓	6E1848	✓
281	?	7F1878	✓
296	?	7E1935	✓
302	✓	7E1974	✓
311	✓	7H0101	
313	?		
318	✓		
327	?		
329	✓		
333	✓		
337	✓		
368	✓		
377	✓		
387	✓		

last stated
NEL of 200 in rat