CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
MEDICAL TOXICOLOGY BRANCH

SUMMARY OF TOXICOLOGY DATA
Alkyl (70% C18, 27% C16, 3% C14) trimethyl ammonium chloride
SB 950-437, Tolerance # 50420
April 21, 1987

I. DATA GAP STATUS

Chronic rat: Data gap; inadequate study; no adverse effect indicated

Chronic dog: Data gap; no study on file

Onco rat: Data gap; no study on file

Onco mouse: Data gap; no study on file

Repro rat: Data gap; inadequate study; no adverse effect indicated

Terato rat: Data gap; no study on file

Terato rabbit: Data gap; no study on file

Gene mutation: Data gap; no study on file

Chromosome: Data gap; no study on file

DNA damage: Data gap; no study on file

Neurotox: Not required at this time

Note: Toxicology one-liners are attached.
** indicates acceptable study
Boldface indicates possible adverse effects

File: SB437ALK.MH
Summary prepared 4/21/87 by M. Harnois

II. TOXICOLOGY ONE-LINERS AND CONCLUSIONS

CHRONIC

RAT

50420-001 12409 "Chronic toxicity with Arquad S in drinking water using rats." (Armak Co., Chicago, Ill). Arquad S was administered ad libitum in drinking water to rats (7/dose) at concentrations of 2 and 4 % over 7 months. No adverse effects reported; unacceptable (not a chronic study). Not upgradeable. (Harnois, 4/21/87)

REPRODUCTION

RAT

50420-001 12408 "Chronic toxicity and reproductive effects with Arquad S in drinking water using rats" (Armak Co., Chicago, Ill). Arquad S in drinking water available ad libitum to rats (3M,4F/group) at concentrations of 1/2500 and 1/5000; other groups received either only tap water or 1/2500 or 1/5000 Zephiran. Insufficient information, unacceptable: (dose levels changed, results are not clearly stated; high mortality in tap water controls precludes evaluation of test substance effect). Not upgradeable. (Harnois, 4/21/87)