Monsanto

R. E. Keller - R&D Laboratories - 1700 So. 2nd - St. Louis

March 7, 1968

Orville Hicks - Res. 2

SUBJECT: THERMINOL/SANTOTHERM Contamination of Cooking Oil - Smith Potato Crisps, Holland

TO: Donald E. Roush - DROUS

We have made an attempt to measure SANTOTHERM FR-1 at the 100 parts per million level in peanut oil used for cooking potato crisps at subject company in Holland. Total chlorine analysis by sodium biphenyl reduction shows 180 parts per million chlorine in both new and used peanut oil.

Preliminary oscillographic polarograph measurements indicate that there is less than 20 parts per million Therminol FR-1 (Aroclor 1242) in the used peanut oil sample from Holland. Currently, the polarograph is in need of repair. More sensitive measurements will be attempted when our instrument is back in service. It is expected that this should be within several weeks.

5

Bob K.

R. E. Keller

REK:db

MONS 097448