Monsanto

FROM (NAME & LOCATION) R. L. Neary (4-8156) General Offices

DATE April 6, 1970

SUBJECT Minutes of Meeting on Aroclor Fractionation
UUU Building - 1700 So. Second Street

REFERENCE April 2, 1970

CC: H. S. Bergen
R. E. Howard/R. M. Kountz
W. B. Papageorge
W. R. Richard
J. R. Savage

4/9

TO : Those in Attendance:
J. L. Bernhardt
J. O. Bright
N. F. Mueller
R. H. Munch
R. L. Neary
J. E. Silver

→ 1) ~~PG Benignus~~
2) H S Bergen

Aroclor Toxicity

4/30/70

This meeting was called to review Aroclor 1142 fractionation work by Research and develop a program of action involving Engineering.

The background was reviewed on Aroclor uses and the basis for the proposed fractionation step in the refining process to improve biodegradability. During the discussion of product composition, preliminary laboratory batch distillations and production rates, the following basis was established for the requested economic evaluation study.

1. The fractionated product will be designated as 1242-B.
2. Production rate - 30M lb/yr. PGB Is this the correct vol for dielectric use (US+KSE Export) - or does it include plastizers as well?
3. Continuous fractionation of 1142 taking 82% overhead.
4. The higher boiling isomers from the column bottoms will be taken as a side stream and processed to Aroclors 1254 and 1260. The residue will be processed to recover yield in the present residue recovery systems.
5. The project will be based on blocked operation at one plant. No provisions are planned for co-product manufacture of 1242 and 1242-B. The design capacity will match the existing plant 1242 unit.

The future plans are as follows for sequential actions:

1. Develop preliminary economics for fractionation by 4/13.
2. Discuss additional cost with major customers.
3. Identify data needed for design.
4. Carry out process development in Research.
5. Define project and prepare project scope.

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Future plans (cont'd):

6. Obtain project approval.

7. Execute project.

R. L. Neary

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