APPLICATION FOR TOXICITY STUDY C+25AM

Name of Compound: FLUORINATED AROCLOR 1254 Date: 5-27-69

Monsanto Name: OR 16827 Res. Dept. Project No: 4-67-53

Type of Compound (insecticide, plasticizer, etc.): ELECTRICAL FLUID

PHYSICAL PROPERTIES

Form: LIQUID Melting Point: Vapor Pressure:

Dustiness: Boiling Point or Range: $b_{0.5}$ 120-160°

CHEMICAL PROPERTIES

Purity (expected impurities): Nitrogen at 0.01 %

Stability: high pH: neutral

Solubilities:

Water: no Alcohol: slight

Organic Solvents: miscible

Vegetable Oils: miscible

Mineral Oils: miscible

PROSPECTIVE USE: (method of handling, concentration used, etc.)
DIELECTRIC FLUID, CAPACITOR CHARGE, VACUUM FILL

METHOD AND HAZARDS OF MANUFACTURE:
KF- FLUORINE EXCHANGE WITH Aroclor 1254 at 210°C

EXPECTED EXPOSURE: VAPOR, SKIN EXPOSURE

HISTORY OF EFFECTS NOTED IN LABORATORY OR PRODUCTION: The compound was submitted before as OR 82489 and contained 0.36% nitrogen.

LITERATURE REFERENCES: The impurity is suspect of contributing apparently to toxicity

Urgency of Project:

MONS 097877

Remarks:

Signed R. W. Wood