MCS 1238 (Aromatic sulfone - MIPB blend)

Advantages:

Shows good life test results in paper capacitors at G.E. and at Electric Utilities, and in both paper and polypropylene film capacitors here.

Contains no halogen

Biodegradation 70%

Made from TSCl available at Queeny.

Disadvantages:

Not fire resistant.

Cannot be made in present plant.

Does not use biphenyl as raw material.

Cost - MIPB is more expensive than expected when work was begun since it is no longer being made as a dye encapsulant. Cheaper replacement diluents are under test with promising results.

Assessment:

With optimum diluent will become best all round non-PCB substitute for Aroclor 1016.

There is a market demand now for use in capacitors for export to Japan. Fluid might be sold in Japan in quantity.

Might sell 100M lbs. in a year in U.S. Could snowball rapidly.

DSW 283590