CHLORINATED BIPHENYLS IN THE ECOLOGICAL SYSTEM

To Be Proven

1. Society can tolerate PCB's in environment.

   . Demonstrated by analytical/toxicity program

   . Resulting Monsanto Action Needed - None

   . Odds of success _____

OR

2. Society cannot tolerate PCB's in environment.

   . Demonstrated by analytical/toxicity program

   . Resulting Monsanto Action Needed

   a) Control Contamination

      Functional Fluids

         Odds of Success_____

      Plasticizers

         Odds of Success_____

   b) Substitute Alternate Biodegradable Products

         Odds of Success_____

MONS 092479

CHLORINATED BIPHENYLS IN THE UK AND EUROPEAN ECOLOGICAL SYSTEM

Known

1. PCB residues have been found at varying levels in aquatic wildlife (birds, fish, seals). Only traces have been found in domestic animals and humans.

2. PCB competitors have done no analytical work and little toxicological work on problem. Their capabilities are either no better than or less than Monsanto's for such work.

3. Governmental and University laboratories are accelerating analytical/toxicological PCB programs in Europe and America.

4. PCB analytical methodology in Sweden and Holland is valid. Not true, for Risebrough at University of California - lower chlorinated biphenyls are destroyed.

Unknown or Partially Known

1. Identity of PCB commercial products in ecological system.

2. Source (manufacturer or user) of PCB products.

3. Toxicity of PCB's to fish, birds, animals and humans.

4. Harm of PCB residues in biological systems.

5. Metabolic changes of PCB in biological systems.