What is claimed is:

1. A method of mixing ingredients in a disposable container comprising a deformable, foldable bag of flexible material defining a bag volume and having a first surface and an opposite facing second surface, wherein portions of said first and second surfaces are welded together to form at least one seal in the form of a wall separating a fluid-receiving region in said bag volume from one or more non-fluid receiving regions in said bag volume, one or more inlets in said container in fluid communication with said fluid-receiving region, and one or more outlets in said container in fluid communication with said fluid-receiving region, wherein said one or more non-fluid receiving regions is triangular shaped such that said fluid-receiving region is tapered towards the one or more outlets; said disposable container having one or more impeller assemblies mounted at least partially within said fluid-receiving region of said deformable, foldable bag, said method comprising introducing said ingredients to be mixed into said container, driving said one or more impeller assemblies to agitate said ingredients, wherein said ingredients occupy said fluid-receiving region in the bag which minimizes or eliminates dead spots.

2. The method of claim 1, wherein said one or more impeller assemblies comprises movable blades and a hood surrounding at least a portion of said movable blades.

3. The method of claim 1, wherein said one or more impeller assemblies is mounted near said one or more outlets.

4. A method of mixing ingredients in a disposable container, said disposable container comprising:

a deformable, foldable 2D bag of flexible material defining a bag volume and a first surface and an opposite facing second surface; one or more inlets in said container; one or more outlets in said container; wherein first portions of said first and second surfaces are welded together to form at least one seal in the form of a wall separating a fluid-receiving region in said 2D bag volume from one or more non-fluid receiving regions in said 2D bag volume; second portions of said first and second surfaces are welded together to form a tapered region that tapers towards said one or more outlets in said container; wherein said one or more non-fluid receiving regions is triangular shaped; one or more impeller assemblies mounted at least partially within said fluid-receiving region;

said method comprising introducing said ingredients to be mixed into said container and driving said one or more impeller assemblies to agitate said ingredients, wherein said ingredients occupy said fluid-receiving region in the bag which minimizes or eliminates dead spots.

5. The method of claim 4, wherein said one or more impeller assemblies comprises movable blades and a hood surrounding at least a portion of said movable blades.

6. The method of claim 4, wherein said one or more impeller assemblies is mounted near said one or more outlets.