



## TECHNOLOGY

# Everything We Say It is: Essential Water

## OVERVIEW

### Background

Water based products with vitamins, minerals and other nutrients have a wide-ranging niche in the marketplace. These products are not only ideal for consumers interested in having a sugar-free or reduced sugar drink but also for disadvantaged groups in desperate need of a wholesome and easily consumable nutritive drink. The currently available nutri-drinks are composed of water-soluble nutrients (like vitamins B and C). The inclusion of fat soluble nutrients (like vitamin D) would provide an added advantage to this already nutrient enhanced product.

### Innovative Technology

Researchers at the University of Maryland, College Park and Hollis, LLC have developed an innovative nutrient enriched sugar free water drink that is capable of delivering both water-soluble and fat-soluble vitamins and minerals. This is done by using a combination of homogenizing techniques that not only incorporates the various micronutrients but also enhances the product's shelf life and stability under different storage conditions.

### Advantages

- 1) Unlike currently available water drinks, this product combines both water soluble (Vitamins B and C) and fat soluble nutrients (Vitamins A and D and Omega – 3 fatty acids) in the same water-based drink.
- 2) The intended product does not use synthetic surfactants or ingredients known to cause allergies or cancer.

### Applications

- 1) The inventors intend to market this drink as not just a health drink but also as an effective source of nutrients to disadvantaged groups and for post-disaster relief and humanitarian purposes.

Patent pending, available for licensing. Please contact Sangeetha Raghavan at [sangeeth@umd.edu](mailto:sangeeth@umd.edu), 301-405-0716 for more information.

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## Additional Information

## INSTITUTION

University of Maryland, College Park

**PATENT STATUS**

Patent(s) pending

**LICENSE STATUS**

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**CATEGORIES**

- Natural Compounds

**EXTERNAL RESOURCES**

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