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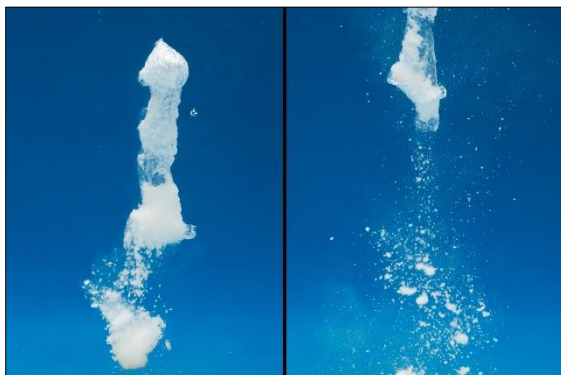


Investigating Water-Soluble Film Options for Creative Packaging Uses

Why would someone want a packaging material that disintegrates in the presence of water? Although it sounds counterintuitive to normal packaging purposes, water-soluble film has become a powerful and increasingly popular option for packaging items that will be added to a watery environment. At Cortec® Corporation, this intriguing technology is manufactured under the brand name [EcoSol®](#) and offers many creative packaging options.



Why Use Water-Soluble Film?



EcoSol® is a heat sealable PVOH (polyvinyl alcohol) film that can be made into pouches or bags for a variety of purposes. The main benefit of EcoSol® packaging is that it provides an easy, convenient dosing method for adding a wide range of possible contents to water. Dosing of chemicals or other materials is precise, with no measuring or direct handling required. This is a particular boon when working

with toxic chemicals, soiled laundry, or contaminated tools. It only takes a few minutes or less for EcoSol[®] to dissolve in water, releasing the packaged materials either to be mixed with or cleaned in a water-based solution. Once dissolved, EcoSol[®] leaves behind a non-hazardous aqueous solution of polyvinyl alcohol. These characteristics open up exciting opportunities to use EcoSol[®] as a non-polluting packaging material for water-soluble applications.

Where to Use Water-Soluble Film

There are countless industries and applications that can benefit from EcoSol[®] film technology. Concrete additive manufacturers can use EcoSol[®] to make easy-to-dose products (e.g., concrete admixtures) for the construction and concrete repair industry. Cleaning product formulators can fill EcoSol[®] with detergents, degreasers, and other cleaning products. Hospitals and other institutions can collect contaminated linens in EcoSol[®] laundry bags and toss them directly into the washing machine without having to touch them. EcoSol[®] can even be made into disposable cases for cosmetics or bathing products.



EcoSol[®] is excellent for packaging and dosing agriculture products such as fertilizers and manure treatments. Pouches made of EcoSol[®] can also be filled with pesticides, biocides, and other chemicals that are not safe to touch directly or would be difficult to measure. EcoSol[®] is great for probiotic treatments used for septic tank and grease trap maintenance, as well. Water treatments for boilers and cooling water systems are

another ideal EcoSol[®] application. Since EcoSol[®] is resistant to organic solvents, potential fill options extend to some liquid products (e.g., dishwashing detergents) that do not contain water.

Bringing EcoSol[®] to Market

EcoSol[®] can be packaged using form and fill equipment at the product manufacturer's site. If manufacturers prefer, they can send their powder products directly to Cortec[®] for contract filling in several basic sizes.

The need for water-soluble film is expected to continue growing as more manufacturers see the benefits of environmentally responsible single-dose dissolvable packaging. If you think PVOH film could improve

your product and benefit customers, contact Cortec® today to learn more about taking your packaging in a new direction of greater convenience and precision with EcoSol®:

<https://www.cortecpackaging.com/contact-us/>

Keywords: PVOH film, polyvinyl alcohol film, dissolvable packaging, Cortec, where to buy water soluble film, water soluble film, water soluble film manufacturers, water soluble bag, why use water soluble film, creative packaging

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