

# Working with VIVAPUR® Stabilizers

## GENERAL INFORMATION FOR COLLOIDAL-MCC



### Products

VIVAPUR® COS 8

VIVAPUR® TEX Easy

VIVAPUR® CS 032 XV

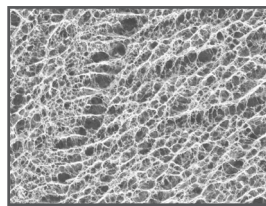
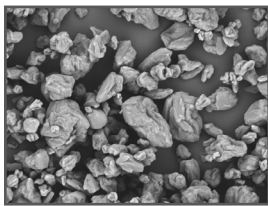
VIVAPUR® TEX Sun

### Key Points

	Yes	No
Co-processed with a soluble hydrocolloid	●	
Soluble		●
Compressible		●
Thixotropic dispersion	●	
Suspension, foam and emulsion stabilization	●	
Functionality and activation dependent on temp		●
Network affected by excessive shear		●
Alcohol compatible	●	

### Activation

Though VIVAPUR® stabilizers will disperse in most liquids, they must be activated in water as the first ingredient using high shear.



VIVAPUR® stabilizer powder particle

VIVAPUR® stabilizer activated

Activation Type	Time
High speed propeller (1,000 rpm)	10-15 minutes
Rotor-stator homogenizer	7 minutes minimum

J. RETTENMAIER USA LP



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### Benefits

- Provides a stable 3D network
- Multifunctional stabilizer with wide compatibility
- Reduces the need for emulsifiers
- Improves heat stability
- Improves skin-feel
- Enhances foam stability
- Reduces tackiness
- Odorless
- Non-irritant
- Non-toxic

### pH

VIVAPUR® stabilizers work in a wide pH range, however, when used in a formulation with a pH below 3.8, a protective colloid\* (such as Xanthan Gum) must be used at 10% of the amount of COS 8. In this instance, you will need to activate the COS 8 first, add the protective colloid second and then the acidic ingredient third.

### Usage Level

In order to create a stable 3D network, VIVAPUR® stabilizers have a minimum usage level of 1.00%.

For additional questions, please contact your JRS USA sales representative.



info@jrsusa.com

\* For items such as our VIVAPUR® CS 032 XV or Tex Easy that contain Xanthan Gum, please consult a JRS USA representative for more information.