



Jeethix® T

Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer

The **Jeethix® Thickener Series** is a unique range of products positioned to provide both thickening and stabilization benefits in a wide range of formulations. The **Jeethix®** products are versatile, effective, and provide exceptional skin feel in personal care formulations.

Jeethix® T is a Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer with unique chemical and physical properties distinct from other acrylate polymers on the market. It is a white powder which **does not require neutralization**, and can be easily dispersed in water at room temperature to form gels. **Jeethix® T** acts as an emulsion stabilizer and texturing agent, providing body and softness to cosmetic emulsions and cream gels. Suitable for both cold and hot process, it is pH tolerant and can be used in combination with surfactants. It is also non-tacky and non-greasy and suitable for serums and hydroalcoholic gels.



KEY BENEFITS:

- Wide application range
- Swells quickly in water
- Thickens water-based formulations with no neutralization required
- Thickens hydroalcoholic formulations



PRODUCT APPLICATIONS:

- All emulsions
- Hand sanitizers
- Skin care products
- Color cosmetics
- Sun care products
- Hair care products
- Hair styling products
- Hair conditioning products

Typical Properties	
Appearance @ 25°C	White Free Flowing Powder
Viscosity (cps, 1% solution)	15,000 – 40,000 cps
Actives content, %	> 85.0
pH	3 – 11
Recommended use levels	0.1 – 7.0%



FORMULATION GUIDELINES

Jeethix® T is a powerful rheology modifier that is easily dispersible in cold or hot water. It can be mixed with a propeller mixer at 550 – 750 RPM or with homogenization at 25,000 – 35,000 RPM depending on the formulation requirements.

It can be added to the water phase prior to or after adding any humectant, e.g. glycerin, propylene glycol, or butylene glycol.

When used as an emulsion stabilizer, it should be added at the end of the emulsification process prior to fragrance and color.

Ethanol Guidelines:

Jeethix® T is compatible with ethanol and does not require neutralization. At concentrations of 2 – 4% with propeller mixing at 550 – 750 RPM, it will result in a slightly opaque gel.

Ethyl Alcohol Guidelines:

Jeethix® T is compatible with ethyl alcohol and does not require neutralization. At concentrations of 2 – 4% with propeller mixing at 550 – 750 RPM, it will result in a slightly opaque gel.

When creating high alcohol content formulations, **Jeethix® T** needs to be added in the water phase, properly dispersed and lump-free, where it will create a high viscosity mass with low water concentration. The alcohol is then added slowly to this water phase. Each time a very small amount is added, mix until completely uniform prior to adding the next small amount until the entire required amount of alcohol is added.

Please contact your JEEN Representative or visit our website at www.JEEN.com to learn more.

JEEN International Corporation

16 Law Drive | Fairfield, NJ 07004 – USA
tel: (973) 439-1401 fax: (973) 439-1402
www.JEEN.com info@JEEN.com