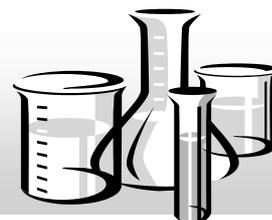


FORMULATION GUIDELINES MASSOCARE TCK2



INCI Name

Acrylates Copolymer

Description

Anionic acrylic thickener and suspender for surfactant systems

Applications

- Bath and shower gels
- Scrubbing toiletries
- Shampoos
- Anti-dandruff shampoos
- Facial cleansing products

Properties

- Water soluble
- High salt tolerance (NaCl, MgCl, etc)
- pH stable, range: 4-11
- Suspending properties
- Compatible with most common surfactants

Benefits

- Easy handling
- Clear formulations

How to work with it?

- ✓ Mix well in the water phase before adding any ingredient
- ✓ Add first primary surfactants (anionic) to the mixture
- ✓ Neutralize M-TCK2 by using NaOH (aq. solution 25%) to pH = 6.0 – 6.5
- ✓ Add the rest of surfactants (amphoterics, ...)
- ✓ Add actives (only in case that are stable to acidic media), if not add after neutralization process
- ✓ Minimum quantity to get suspending properties is 5% of product itself (1.5% of active)
- ✓ There is also synergism with NaCl to increase viscosity

Dosage: 5.0-15.0%