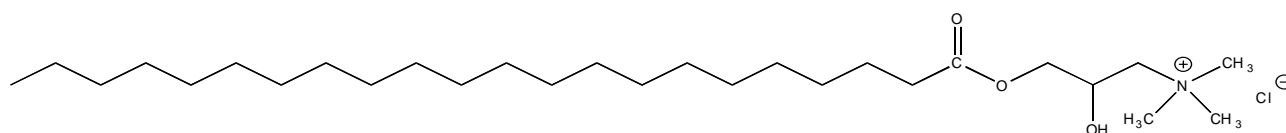


# Maquat<sup>®</sup> BPGTMC



## Behenoyl PG-Trimonium Chloride

### Overview

MAQUAT BPGTMC is a 70% solid (3-Behenoyloxy-2-hydroxypropyl) trimethyl ammonium chloride in a water/hexylene glycol low melting paste. With the unique substantive and anti-static properties of the behenyl moiety, BPGTMC is an easy to handle product for a superior conditioning ingredient in personal care products. MAQUAT BPGTMC imparts exceptional wetting, cleaning, conditioning, softening, suspending and emulsification.

With over 35 years quat manufacturing experience and using the highest quality raw materials, MAQUAT BPGTMC is characteristically low color, low odor and reliably consistent batch to batch.

MAQUAT BPGTMC is based on the primary lipid found on hair surfaces, making it a uniquely natural compliment for use in hair conditioners and rinses, skin creams and lotions. BPGTMC imparts smooth detangling, improves dry comb and fly away, while leaving a soft powdery afterfeel. In other applications, use Maquat BPGTMC as a cationic emulsifier. Maquat BPGTMC is non-flammable, non-VOC, non-DOT, biodegradable (aerobic >74% in 28 days, anaerobic >60%) with exceptional Ecotoxicological properties.

**INCI Name: Behenoyl PG-Trimonium Chloride**

### Typical Properties

Water solubility .....	Dispersible
Physical form .....	Paste
Color (Gardner) .....	3 Maximum
% Active quaternary (m.w. 492) .....	55-65
% Non-volatile (1.5hr. @ 105°C) .....	68-72
Specific gravity (50°C) .....	1.10±0.04
Melting Point .....	50°C/120°F
pH (5% aq.) .....	3.0-5.0
Flash point .....	>100°C/212°F (PMCC)

### Handling Information

Refer to the Material Safety Data Sheet (MSDS) available from Mason Chemical Company for information on the safe use, handling and disposal of this product.

*Maquat is a trademark of Mason Chemical Company.*

