



VARISOFT® 300

Hair Conditioning Quat

- conditioning quat for hair rinses
- suitable for formulating standard products
- easy handling, water dispersible
- vegetable based

Personal Care

INCI Name (CTFA Name)

Cetrimonium Chloride

**Chemical and physical properties
(not part of specifications)**

Appearance (25 °C)	liquid
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Properties

- Good conditioning effect
- Antistatic agent
- Vegetable based
- Emulsifying properties
- Easy blending liquid

Application

- Hair conditioners
- Clear conditioning shampoos
- Hand creams, lotions

Suggested usage concentration

1 – 5 % VARISOFT® 300

Packaging

772 kg pallet (4 x 193 kg drum)

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

Guide Line Formulations

Standard Hair Conditioner	
Phase A	
Water, deion.	90.7 %
Phase B	
VARISOFT® 300	4.0 %
VARISOFT® W 575 PG (Quaternium-87)	0.4 %
TEGO® Alkanol CS 20 (Ceteareth-20)	1,0 %
TEGO® Alkanol 1618 (Cetearyl Alcohol)	4.0 %
Phase C	
Citric acid	q.s.
Phase Z	
Perfume, preservative	q.s.
Preparation: Heat phase A to 70 – 75 °C. With mixing, add phase B to phase B. Cool to room temperature with mixing. Adjust pH to 4.5 to 5.5 with citric acid solution. Add perfume and preservative as needed.	

Hair Conditioner with detangling and caring effect	
Phase A	
Water, deion.	93.5 %
Phase B	
VARISOFT® 300	1.0 %
VARISOFT® 432 CG (Dicetyldimonium Chloride)	1.5 %
TEGO® Amid S 18 (Stearamidopropylmethylamine)	0.2 %
TEGO® Alkanol 16 (Cetyl Alcohol)	1.5 %
Phase C	
Water, deion.	2.0 %
Hydrolyzed Collagen	0.3 %
Phase D	
Citric acid	q.s.
Phase Z	
Perfume, preservative	q.s.
Preparation: Heat phase A and phase B to 65 °C. Add phase B to phase A with gentle agitation. Cool to 45 °C and add pre-mixed phase C with mixing. Cool to room temperature and add phase D, to adjust to pH 4.5 to 5.5. Add perfume and preservative as needed.	

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