

# 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

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

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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

<b>Standard Hair Conditioner</b>	
<b>Phase A</b>	
Water, deion.	90.7 %
<b>Phase B</b>	
VARISOFT® 300	4.0 %
VARISOFT® W 575 PG (Quaternium-87)	0.4 %
TEGO® Alkanol CS 20 (Cetareth-20)	1,0 %
TEGO® Alkanol 1618 (Cetearyl Alcohol)	4.0 %
<b>Phase C</b>	
Citric acid	q.s.
<b>Phase Z</b>	
Perfume, preservative	q.s.
<b>Preparation:</b> 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.	

<b>Hair Conditioner with detangling and caring effect</b>	
<b>Phase A</b>	
Water, deion.	93.5 %
<b>Phase B</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 %
<b>Phase C</b>	
Water, deion.	2.0 %
Hydrolyzed Collagen	0.3 %
<b>Phase D</b>	
Citric acid	q.s.
<b>Phase Z</b>	
Perfume, preservative	q.s.
<b>Preparation:</b> 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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