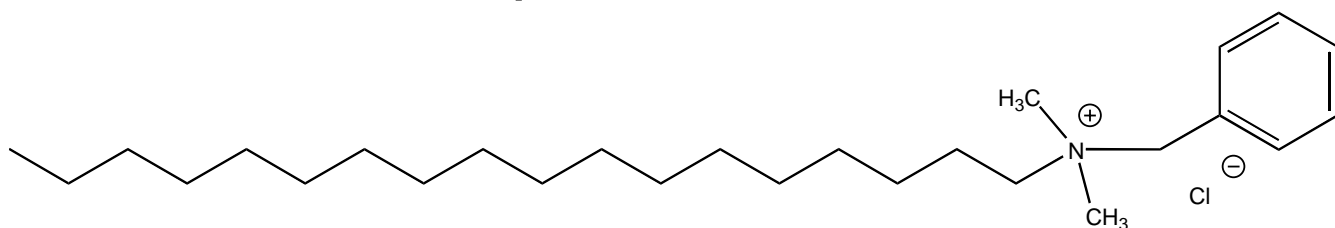


Maquat[®] SC1632



Stearalkonium Chloride Self-Emulsifying Concentrate

Overview

MAQUAT SC1632 is characterized as a self-emulsifying stearalkonium chloride with cetearyl alcohol and PEG 40 Castor Oil. Developed for ease of use, SC1632 is an industry standard conditioning agent, with consistent low color and low odor made from the highest quality raw materials for personal care product applications.

MAQUAT SC1632 has a multitude of uses. Use SC1632 as a substantive conditioning agent in **Hair Conditioners**, as an emulsifier and emollient in **Lotions and Creams** with a typical recommended use level of 5-7%.

MAQUAT SC1632 is a concentrated surfactant blend in flaked form. Exercise normal handling precautions by using appropriate eye and skin protection. Contact with eyes and prolonged skin exposure should be avoided. Refer to Material Safety Data Sheet.

INCI Name: Cetearyl Alcohol, PEG 40 Castor Oil, Stearalkonium Chloride
CAS#s: 8005-44-5, 67762-27-0, 61791-12-6, 122-19-0

Typical Properties

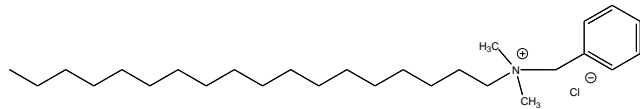
Water solubility.....	Dispersion
Physical form.....	White waxy flakes
Solids content.....	96% Minimum
Actives content.....	13-15%
pH, 5% dispersion.....	5.0-7.0
Melting Temperature.....	136-144°F(58-62°C)
Flash point.....	>200°F (PMCC)
RVOC, U.S. EPA, %.....	0
Shipping.....	Non-Red Label

Handling Information

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

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Maquat® SC1632



MAQUAT SC1632 is a pre-blended and flaked stearylalkonium chloride with cetearyl alcohol and PEG 40 Castor Oil. Developed for ease of formulator processing, SC1632 is a high quality, low color blend with excellent substantive properties ideal for use in personal care formulations. SC1632 is an industry standard conditioning agent, with consistent low color and low odor made from the highest quality raw materials for personal care products applications. The formulation below illustrates a typical application:

Easy to Formulate Hair Conditioner

Ingredient	Wt%
Water.....	to 100.00
Maquat SC1632	5.0
Cetearyl Alcohol.....	0.5
Citric acid.....	q.s.
Dye, Fragrance & Preservative.....	q.s.

Notes:

Heat water to 150-160°F (65-70°C). With sufficient agitation, add SC1632 and Cetearyl Alcohol to form a uniform dispersion. Adjust pH w/Citric acid to 6-7. Cool to room temperature, add remaining ingredients.

Maquat SC1632 contributes rich conditioning properties with excellent wet comb performance. Cetearyl Alcohol boosts viscosity.

Moisturizing Skin Lotion

Ingredient	Wt%
Water.....	to 100.00
Maquat SC1632	5.0
Propylene glycol.....	2.0
Masurf LL	2.0
Petrolatum.....	1.0
Titanium dioxide.....	0.2
Dye, Fragrance & Preservative.....	q.s.

Notes:

Heat water to 150-160°F (65-70°C). With sufficient agitation, add SC1632 to form a uniform dispersion. Adjust pH w/Citric acid to 6-7. Cool to room temperature, adding remaining ingredients.

Self emulsifying Maquat SC1632 contributes conditioning properties, with Masurf LL contributing silky skin feel.