asiraw

COSMETIC & DERMO-COSMETIC INGREDIENTS

TECHNICAL DATA SHEET

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CONDITIONING POLYMER · CATIONIC CELLULOSE

ASIRAW CELLUQUAT 400

INCI NAME	CAS NO.	PACKING
Polyquaternium-10	**68610-92-4**	**25 kg / drum**

GENERAL INFORMATION

ASIRAW CELLUQUAT 400 is a water-soluble cationic cellulose powder widely used in hair care for its anti-static and moisturising properties. It forms a transparent, continuous, non-tacky film that adds sheen to hair strands, repairs damaged hair and improves moisture and manageability. In skin care it provides good adhesion and moisturisation, imparts a lubricious, elegant feel and reduces the irritation caused by surfactants. REACH registered.

SPECIFICATION

PARAMETER	TYPICAL VALUE
Appearance (25 °C)	**Yellowish powder**
pH (25 °C, 2 % aqueous solution)	**4.0 – 7.0**
Viscosity (25 °C, 2 %, mPa·s)	**300 – 500**
Loss on drying (%)	**≤ 6.0**
Nitrogen content (%)	**1.5 – 2.2**
Ash content (%)	**≤ 3.0**

** Typical values for guidance only — not to be used as product specification.*

FORMULATION GUIDANCE

Add directly to cold water under stirring and heat to 70 – 75 °C until fully dissolved. Alternatively, without heating, adjust the solution to neutral pH with a suitable alkali for rapid hydration.

KEY BENEFITS

- Repairs split ends and tangles
- Transparent, continuous, non-tacky film
- Improves dry and wet combability, softness and manageability
- Reduces eye and skin irritation caused by surfactants
- Lubricious, moist and elegant skin feel
- Compatible with all surfactant types

APPLICATIONS

2-in-1 shampoos · Conditioners · Leave-in & gels · Hair tonics · Body wash · Face cleansers · Lotions & creams

DOSAGE

0.1 – 0.8 % Recommended use level

STORAGE & HANDLING

Standard packing	25 kg / drum
Storage	Store in a cool, dry and well-ventilated place, away from direct light. Keep container tightly closed.
Shelf life	24 months (unopened)

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