

Salcare® Super 7 AT1

Highly concentrated Polyquaternium - 7

Universal & easy to use liquid conditioning polymer for all skin & hair care rinse off applications

Performance profile

- Highly concentrated conditioning agent for skin and hair, more efficient than low concentrated PQ-7
- Better compatibility (transparency) in many formulations
- Cost effective alternative, highly efficient replacement for conventional Polyquaternium-7 and other Polyquaternium's
- Low viscosity; easy to use
- Improves foam density and stability
- Substantive to hair & skin at low use levels
- Provides good spreading, slip and lubricity to formulations
- Provides a smooth feeling to the skin
- Conditioning and detangling properties
- Yields crystal clear conditioning shampoos



Brief Overview

Salcare® Super 7 AT1

- **INCI Name:** Polyquaternium-7
- **Characteristics:** Clear
- **Appearance:** Flowable liquid
- **Boiling point:** 100 °C
- **pH value:** 4.0 – 5.0
- **Rec. Dosage:** 0.5 -1,5%
- **Dry Content:** 39,0 – 41,0%
- **Viscosity:** 3500 – 6000 mPas

Formulations

- Clear Conditioning Shampoo (HB-RU-14-CF-20)
- Emergency Kit Spray-on Conditioner Leave-on (HB-DE-13-95-8)
- Transparent body wash with oil (HB-DE-16-15-181-3)
- Luxurious Hand Soap (HB-PL-16-010-10)

Fields of Application

- Body wash
- Shampoos
- Liquid soaps
- Hair conditioners & treatments
- Facial cleansing

View further formulations at
www.ulprospector.com

Transparency of Salcare® Super 7 AT1 vs. Market Standard PQ-7



Test formulation
HB-DE-17-010-05/06:

7,2% Texapon N 70
8,0% Dehyton PK 45
1,0% Lamesoft PO 65
0,2% Polymer (active matter)
0,5% Perfume
0,5% Sodium Benzoate
0,2% Sodium Chloride
add to 100% water, citric acid

1: HB-DE-17-010-05 with market standard PQ-7 (0,2% am); pH 4,8; 6640 m.Pas (sp 4, rpm 10)

2: HB-DE-17-010-06 with Salcare® Super 7 AT1 (0,2% am); pH 4,6; 8100 m.Pas (sp 4, rpm 10)



Salcare® Super 7 is giving better transparency compared to standard Polyquaternium-7