

# MIRAPOL A-15

PRODUCT DATA SHEET E 90002051 - September 2008

## IDENTIFICATION

**C.T.F.A. / I.N.C.I. Name : POLYQUATERNIUM – 2**

**CAS N° 68555 – 36 – 2**

**EINECS : Monomers are registered**

## SPECIFICATIONS

Appearance (20°C)	Clear to cloudy amber liquid	
Colour (Hazen)	< 1000	421AN3013
pH (10% aq.sol.)	7.5 – 8.5	421AN3401
Active content (%)	62 min.	421AN3150
Water (K. Fischer) (%)	38 max.	421AN3150
Chloride (%)	11 – 13	421AN3331
Dichloroethylether (mg/kg)	2 max.	421AN6032
Dioxanne (mg/kg)	5 max.	421AN6032
Turbidity Test (NTU)	3.0 max.	421AN3900

## TYPICAL PROPERTIES

Density (g/cm <sup>3</sup> )	.13
Readily soluble in	Water in all proportions
Viscosity at 20°C (mPa.s)	< 3000
Can be diluted in amphoteric materials	



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## STANDARD APPLICATIONS

Cationic polymer, easily dispersible in water and compatible in amphoteric surfactant systems.

Highly substantive conditioning agent for skin and hair care products.

Hair Care: in shampoos and hair conditioners it confers good wet-combing, dry-combing, and produces a soft natural feeling.

Reduces electrostatic build-up (Flyaway).

Skin Care: is highly skin substantive and provides soft feeling to the skin (liquid soaps, ...).

Note: In formulating Mirapol A-15, it is necessary to dissolve the Mirapol A-15 in about 75% of the required water before addition of the remaining ingredients.

Recommended use level: 0.4 - 2.5 %.

## STANDARD PACKAGING

4 Metal drums 200 kg / Pal. 800 kg CP9 (114 x 114 cm)

Plastic container 1000 L – 995 Kg / Pal. (100 x 120 x 116 cm)

## SHELF LIFE

730 days

### WARNING

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Users are requested to check that they are in possession of the latest version of the present document and RHODIA is at their disposal to supply any additional information.



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