

## TECHNICAL DATA SHEET

Rev.1 del 01/10/12

EKO GEL ekkomed. Item no: 29060018-29

Water-soluble gel for diagnostic tests  
and therapies involving ultrasound systems

Physical description.  
Water based viscous gel, light blue colour

Chemical composition.  
Water, polymer (ACRYLIC POLYMER), humectant, preservatives  
(METHYLCHLOROISOTHIAZOLINONE), colouring agent (FD&C COLOR)

Preservatives.  
In accordance with rule 713 dated 1986 and further amendments

Colouring agents.  
In accordance with rule 713 dated 1986 and further amendments

Ph.  
 $6,2 \pm 0,4$

Density.  
 $1,02 \text{ gr/cm}^3$

Viscosity.  
 $80.000 \pm 10.000 \text{ CPS}$  (Viscosimetro Brookfield, modello DVI, girante  
 $6,10 \text{ RPM}$ , a  $20^\circ\text{C}$ )

Toxicity.  
A "REPEATED PATCH TEST (96 Hours)" has preliminary level of the potential sensitive power of the same device. The checks made during and after the test noticed that none of the tester showed any sensibility or contact irritation or allergic reactions to all of the tests made.

Microbiological control.  
A "CHALLENGE TEST" has been made to check the efficacy of the preservative system. The controls which have been made have point out the suitability of the preservative system itself.

Bottle.  
PLTHD-PLTLD on rule D.M. 21-3-73 (alimentary use)

Shelf life of the product.  
5 years for product preserved into original containers, sealed and product preserved in dry and fresh environment. The a.m. gel are not subject to hydrolysis or to oxidations in the normal use conditions

Use precautions.  
Being a non-flammable gel, non-corrosive and stable to the temperature, no particular precautions are required for its use.