Comedical®

Cogel®

COGEL ECG EEG

Electrical conductor
Electrolyte gel solution

The use of Cogel ECG-EEG is recommended in all diagnostic medical applications in which the reduction of contact resistances between survey electrodes and cutis is necessary for the acquisition of bioelectrical signals (ECG, EEG, EMG, EP) or, if used in therapeutic treatments, in order to optimise the connection between treatment electrodes and cutis during electrical therapies (defibrillation, cardioversion, electrical physiotherapy), avoiding burn risk. The special chemical-physical characteristics of the product guarantee very high efficiency for the entire duration of exams or treatments, even if they last a long time.

COMPLIANT · COMPLIANT
REACH

The product compliant with the REACH regulations and does not contain SVHC

Medical Device
Made in Italy

RELEVANT SPECIFICATIONS, QUALITY AND SAFETY ASPECTS

Cogel ECG-EEG is a water-based gel with electrolytes, hypoallergenic and water-soluble. It does not damage the survey or treatment electrodes, it does not stain and grease. The special and highly resistant reticulated structure that characterizes Cogel ECG-EEG limits the liquefaction effect caused by substances with high salt content, such as for example sweat and body fat. Therefore it is possible to spare on the gel use because frequent additions of product during exams or treatments are not necessary. Cogel ECG-EEG is completely perfume and essence free, which are notoriously cause of allergic reactions type 1, does not contain formaldehyde and its pH value is neutral. All raw materials composing Cogel ECG-EEG are contained in the official pharmacopoeia.

The containers used in the gel packaging are made of food grade polyethylene and completely latex free.
Comedical carries out constantly quality controls on each batch and especially on the entire production and packaging cycle of the Cogel ECG-EEG line.

Cogel ECG-EEG is a product with CE mark class I and compliant with the Directive 93/42 EEC on manufacture, commercialization and use of medical devices.

CHEMICAL-PHYSICAL CHARACTERISTICS OF THE GEL

Composition:	gelled hydropolyhydrosilic solution
Contents:	Aqua, Propylene Glycol, Sodium Carbomer, Sodium Chloride, Disodium EDTA, Methylparaben
Smell:	odourless
Colour:	colourless
Water solubility:	soluble
Density at 20 °C:	1,04 g/ml
Viscosity:	38.000 (31.000 - 45.000) mps
Flammability:	non-flammable
Ph at 20 °C:	6,9 ± 0,2
Containers used:	see following table „product and packaging codes“

For other specifications see the website www.comedical.biz

PRODUCT AND PACKAGING CODES

REF	Primary packaging	Contents	Secondary packaging
CEG0250MF036	PE bottle with push-pull supplying cap	250 ml	36 pieces
CEG0500MF012	PE bottle with push-pull supplying cap	500 ml	12 pieces
CEG1000MF012	PE bottle with push-pull supplying cap	1.000 ml	12 pieces
CEG5000MS002	Squeezable PE cubitainer bag (1)	5.000 ml	2 pieces

(1) In each packaging is contained a supplying spout kit with ferrule REF E4_00VPGHIE10.

COGEL ACCESSORIES - OPTIONAL

Comedical introduces 5000 ml packagings in order to allow to spare on the purchase of Cogel (the contents of a bag or of a jerry can correspond with that of 20 250 ml bottles), to reduce waste disposal costs and to respect the environment. Specific optional devices are available to pour the Cogel contents from bags or jerry cans to smaller reusable containers.

REF	Description	Packaging
E4_00VPGHIE10	Supplying spout with ferrule for cubitainer bag	1 piece
CEGA0265PE	Empty Cogel ECG-EEG bottle with supplying cap	1 piece

Retailer or Area Agent

Comedical®

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