

SafeMount mounting medium

IVD In-vitro diagnostic medical device **CE**

CND Code: W01030706

Catalog number	Unit size
05-SM100	100 ml

Packaging

Primary container: amber bottle in polyethylene terephthalate (PET). Useful capacity 100 ml. PE tamper evident cap.

The polyethyleneterephthalate is a thermoplastic polymer of the polyester family. PET is an optimal oxygen, carbon dioxide and other gasses barrier. This material has an high resistance to ultraviolet radiation and an inertia toward the mainly chemical agents (solvents: xylene, limonene, liquid paraffines, alcohols, acids, bases etc.). It is biologically inert. It constitutes a good water and humidity barrier. It shows a great hardness and mechanical resistance.

Secondary container: carton box.

Wear, water, alcohol and solvents resistant PVC label. Scratchproof ink resistant to water and alcohol.

Expected aim

Product for the preparation of cyto-histological samples for optical microscopy.

Specifications

Colour transparent
 Refractive Index 1.490-1.500
 Dynamic viscosity 400 to 600 mPa*s at 20°C
 Density a 20°C 0,879g/ml

Application

Synthetic mounting medium for histologic and cytologic slides perfectly dehydrated and clarified.

Principle

A mounting medium must allow the protection and the preservation of the coloured and clarified histological section without interfering with the observation of the slide under the microscope. This result is achieved using a mounting medium with refractive index similar to that of the glass.

Method

- 1) Automatic coverslipping instrument: follow the instruction manual of instrument.
- 2) Manual technique: put some drops of SafeMount (approximately 0.3 ml) on the section still impregnated of solvent and cover with coverslip taking care to avoid air bubbles. Allow to dry 45 minutes.

Components

Components	CAS	CE	Index
Acrylic resins mixture in d-limonene	-	-	-

Functional properties

SafeMount can be used with sections clarified in xylene, toluene and d-limonene, it is not compatible with clearing agents containing isoparaffins.

We recommend using SafeMount after clarifying action in Bio-Clear (D-limonene). The choice of a mounting medium that uses, as dissolution medium of the resin, the same solvent of the clarifying action allows to obtain slides with excellent characteristics of transparency and stability.

Warning and precaution

The product must be used exclusively by specialized technical operators.

Carefully read the information on the classification of dangerous substances on the label. Always refer to the safety data sheet where are available the information on the risks presented by the mixture, the precautionary measures during use, the measures first aid and the intervention in the event of accidental release. Do not use if the primary container is damaged.

Storage

Store the preparation at 15-25°C. Keep the containers tightly closed.

Stability

After the first opening, the product is usable until the expiry date, if correctly stored.

Product validity: 2 years.

Disposal

Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.

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