Bio Mount HM

Mounting medium

IVD In-vitro diagnostic medical device
EMDN : W01030706
BASIC UDI: 080341202W01030706AL
IVD in **Classe A**, Reg. UE 2017/746

Catalog number	Unit size	UDI-DI
05-BMHM100	100 ml	08034120277136
05-BMHM508	8 x 500 ml	08034120278591

Packaging

05-BMHM100
Primary container: amber bottle in polyethylene terephthalate (PET). Useful capacity 100 ml. PE tamper
evident cap.
The polyethylenterephthalate 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.

05-BMHM508
Primary container: white bottle in Polyethylene solvent resistant (PE/EVOH). Useful capacity 500 ml. HDPE cap. Tamper evident cap.
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
Solubility : insoluble in water, soluble in ether, ketones, aromatic hydrocarbons and D-limonene
Refractive Index : 1.5
Dynamic viscosity : 250 to 450 mPa*s at 20°C
Density 25°C : 0,945 / ml
The product is stable to light, heat, humidity and UV rays.

Application

Synthetic mounting medium for histologic and cytologic slides. New fast drying medium for automated coverslipper.

Method

1) Automatic coverslipping instrument: follow the instruction manual of instrument.
2) Manual technique: put one-two drops of Bio Mount HM on the section or smear, previously completely dehydrated, and cover with cover-slide taking care to avoid air bubbles. Allow to dry and harden for 20- 30 minutes in horizontal position.

Components

Components	CAS	CE	Index
Acrilic resins mixture in xylene.			

Functional properties

Bio Mount HM makes the histological preparation stable in the presence of light, high temperatures, low temperatures, humidity and UV rays, keeping the prepared unaltered over time. It is perfectly compatible with processes of clarification conducted in xylene, toluene and d-limonene.

Warning and precaution

Because xylene is high vapour pressure solvent the bottle must be kept tightly closed at all times. The solvent evaporation increases the medium viscosity.
Removal of Bio Mount HM: if required coverslips mounted on Bio-Mount HM may be completely removed. Immerse slide in xylene and occasionally agitate the slide until the coverslip and the medium are removed.
Can also be used d-limonene, in this case the times of removal are longer.

The product is intended for professional laboratory use for healthcare professionals.
Carefully read the information on the label (danger symbols, risk and safety phrases) and always consult the safety data sheet.
Do not use if the primary container is damaged. In the event of a serious accident, we recommended that you immediately inform Bio-Optica Milano S.p.A and the competent authorities..

Storage

Store the preparation at room temperature. Keep the containers tightly closed.

Stability

After the first opening, the product is reusable until the expiry date, if correctly stored. Product validity: 2 years.

Disposal

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

REVISION N°	REASON	REVISION DATE
001	Regulation adjustment UE 2017/746 - IVDR	16/05/2022