

<b>TECHNICAL DATA SHEET</b>	<b>440139 EN</b>	Date: 01/03/2010
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**Code: 440139  
Paraplast Plus Paraffin**

Code	Description	Case quantity	Case weight (kg)	Case Vol. (m <sup>3</sup> )
440139	packs of 1 Kg	8	8.5	0.020

**MEDICAL DEVICE IVD 98/79/CE**

**SPECIFIC USE AND DESCRIPTION**

Paraffin wax: conceived to its use in histology, fixing biological samples on cassettes prior to its processing in the microtome.

It contains a certain low degree of dimethylsulphoxyde for a rapid infiltration in tissues, reducing the usual infiltration time gap to a third part.

Filtered twice: no need to be filtered before use it.

Melting point: 56/58 °C.  
It can be used with usual solvents.



**COMPOSITION**

Component	CAS#/Codes	Concentration	R Phrases	Classification
Paraffin	8002-74-2 232-315-6	> 75.00%	R – None	None
Dimethylsulfoxide	67-68-5 200-664-3	~ 1.00%	R36/37/38	None

**PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Waxy Pellets
Color:	Colorless – White - Translucent
Odor:	Garlic
Specific weight:	0.80
Melting Point (°C/F):	47-65° /117-149° (depending on grade)
Flash Point (PMCC) (°C/F):	199° / 390°
Auto-flammability (°C):	245° (for 100% paraffin)
Solubility in Water:	Insoluble

Elaborated	Verified	Authorised

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## STABILITY AND REACTIVITY

Stability	: stable under normal conditions
Conditions to avoid	: heat, high temperatures, pressure, mechanical shock
Materials to avoid	: reducing agents, strong acids
Hazardous Decomposition Products	: acrid smoke and irritating fumes

## ADDITIONAL INFORMATION

The contact with eyes or skin may cause irritation.

This product may be collected by carefully scooping into a pan, paper towel or other absorbent material. If wax is hot, let the cool before initiating clean-up. To clean-up spills of cooled wax, use nonsparking tools to scrape the wax into suitable containers for disposal. Wear appropriate protective clothing.

Keep container tightly closed when not in use. Storage area should be: cool, dry, well ventilated, away from incompatible materials.

**Engineering Control Measures:** no specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels. Heating of this product may generate vapors or fumes, therefore, local exhaust ventilation is recommended to keep airborne concentrations below exposure limits. In there is risk of breathing mists or vapors from heated material use respiratory protection.

**Hand protection:** chemical resistant gloves.  
**Eye protection:** chemical goggles or safety glasses with side shields.

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