

# KOLARY™ 9065

## C6 Fluorine Water and Oil Repellent

### INTRODUCTION

KOLARY™ 9065 is a concentrated water and oil-repellent with durable performance.

### BENEFITS

- Excellent water, oil and stain repellency on synthetic fibers, cellulosic fibers and their blends, wide range of applications.
- Excellent wash durability.
- C6 chemistry product, PFOS, PFOA and APEO free.
- No influence on the original handle.
- Good compatibilities with other textile auxiliaries, such as softener, antistatic agent, etc.
- After thickening, it can be used in coating or printing to achieve a single-sided water repellent effect.
- Nonflammable.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Reddish white emulsion
Chemical character	Dispersion of a fluorine compound
Solid Content (%)	28.5-30.5
Ionicity	Weak cationic
pH (undiluted)	2.5-4.5
Viscosity, mPa.s (25°C)	Max.100
Flash point (°C)	Min.93
Density, g/cm <sup>3</sup> (25°C)	1.06 - 1.16

### APPLICATION

KOLARY™ 9065 can be easily diluted by water at any ratio. It is recommended to use padding process. After thickening, it also can be used in coating or printing process.

#### Recipe and Process

Normal process

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Chemical fiber fabric:

KOLARY™ 9065 10 - 40 g/L

Cellulose fibers and their blends:

KOLARY™ 9065 20 - 40 g/L

CROSS-LINKING AGENT 5 - 10 g/L

Durable process

KOLARY™ 9065 30 - 60 g/L

CROSS-LINKING AGENT 8 - 15 g/L

Process:

Work solution preparation;

Padding (pick up 60-80%);

Curing (160-180°C \*60-90s).

Notice: Detailed process should be adjusted according to preliminary trials.

### PACKING AND STORAGE

KOLARY™ 9065 is supplied in 60Kg plastic drum.

In the unopened original container, KOLARY™ 9065 has a shelf life of at 12 months under 0~40°C in a dry and cool place.

Storage beyond the date does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

### NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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## *C6 Fluorine Water and Oil Repellent*

Please send all technical questions concerning quality and product safety to:  
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