



## C6 Water Repellent Agent CG-6973

The environmental protection requirements of textiles for water repellent without PFOS, PFOA, APEO and other substances have become a trend. We specially developed this one - carbon 6 water repellent CG-6973, which can be widely used in various types of textiles, including natural fibers (wool, silk, cotton), synthetic fibers and their blended fabrics, etc., and give various fiber fabrics excellent waterproof, oil and stain resistance, and enhance the added value of the product.

### 【 Properties 】

1. Appearance: Milky white liquid
2. Ionic: Weak cation
3. P H value: 4.0±1.0
4. Solubility: Easy disperse in water

### 【 Features 】

- 1.YIMANOL CG-6973 Free of PFOS, PFOA, APEO and other harmful substances
- 2.YIMANOL CG-6973 The finished fabric of this product has excellent waterproof, oil-proof and anti-fouling effects
- 3.YIMANOL CG-6973 Used with enhancer agent, it has excellent washing resistance
- 4.YIMANOL CG-6973 No fire point, belonging to non-dangerous category, safer to use
- 5.YIMANOL CG-6973 This product does not contain APEO

### 【 Application 】

- 1、Generally recommended usage is as follows, please adjust it according to actual needs.  
Synthetic fiber: CG-6973 10-30g / L,  
Natural fiber: CG-6973 20-50g / L
- 2、Processing conditions: The purpose of various fiber test cloths and the pressure absorption rate are the same and different, the general conditions of use are as follows:

Pad	1dip	1nip		
Dry	100℃	- 120℃	×	3-5 min.
Setting	150℃	- 170℃	×	1-2 min.

### 3、Water-repellent application experiment results:

Fabric	Water repellent score	
	20g/L	30g/L
Polyester pongee	100	100
HL-10	100	100
HL-20	95	100
Polyester taffeta	95-100	100
HL-10	95	95-100
HL-20	90	95
Cotton poplin	90	95-100
HL-10	80	85
HL-20	80	85

Fabric	Oil repellent grade	
	20g/ L	30g/L
Oil-repellent cotton poplin	2+	5+

#### 【 Package 】

120KG/ sealed drum

( Stored in a ventilated place, with safe and good packaging, users must pay attention to close the lid to avoid direct sunlight )

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#### LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
- We reserve the right to alter product constants within the scope of technical progress or new developments.
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