

Technical – Information

AVCO-BIOSOL WR

PARAFIN WAX REMOVER

AVCO-BIOSOL WR is a concentrated, nonionic, low foaming surfactant, which imparts the degrading effect, suitable for Jet dyeing machine, high speed rotary washing machine, and high speed continuous range.

AVCO-BIOSOL WR also has wax removing effect, and can be used in a wide range of pH such as in pretreatment, dyeing and finishing.

AVCO-BIOSOL WR also has silicone removing effect for spandex of knit fabric.

SPECIFICATION:

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| Appearance | Clear, yellowish liquid. |
| Chemical nature | Blends of surfactants and hydrocarbon. |
| Ionic nature | Nonionic |
| pH (10% sol.) | 7.0 – 8.0 |
| Solubility | Miscible with water at any ratio |
| Compatibility | <ul style="list-style-type: none"> a. Compatible with all chemicals normally encountered in pretreatment and dyeing process b. Compatible with hard water, mild acids and mild alkalis |
| Storage | Frozen at 0°C. Fully usable after thawing and agitating. Shelf life is at least 12 months. |

PROPERTIES AND USES:

1. AVCO-BIOSOL WR can be remove wax in alkaline or acid batch, can be applied for all textile materials such as cotton, rayon, synthetic and lycra.
2. AVCO-BIOSOL WR can be used discontinuos and continuos machiney.
3. AVCO-BIOSOL WR emulsifies wax in raw cotton, disperses dirty pigments and degrades impurities. Avoid color bleeding during scouring process.
4. Due to the excellent emulsifying and dispersing properties, AVCO-BIOSOL WR is used for pretreatment, scouring and fatty, oil and grease removal
5. AVCO-BIOSOL WR can be used in neutral medium, or in mild alkali or mild acid solutions.

Technical – Information**Typical recipes:****1. Padding process, in alkaline scouring batch:**

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|-----------------|---------|
| Grey fabric: | 4-6 g/l |
| Scoured fabric: | 2-3 g/l |

2. Exhaustion process:

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|----------------|---------------|
| AVCO-BIOSOL WR | 2.0 – 3.0 g/l |
| NaOH (50%) | 2.0 – 3.0 g/l |

Treat at 95°C, for 25-30 min.