



## **PRODUCT LITERATURE**

### **POLYSCOUR 7170**

#### **Product Information**

Polyscour 7170 is very powerful scouring aid to the polyester greige fabric. It is used to remove various additives like spinning oil, acrylic sizes, lubricating oils etc. Polyscour 7170 has very high stability to temprature and turbulence. It improves the softness, water retension and dye uptake of polyester fabric..

#### **Key Features & Benefits**

Key Features	Benefits
Very low foaming and shear stable	Most suitable to apply by exhaust method on jet or soft flow machine and yarn dyeing vessel.
Powerful affinity to polyester fibre and displaces the stuck impurities	Helps in improving the feel of polyester fabric which gives very soft feel.
It has very high emulsifying properties	Helps in removing oil from the fibre. Due to this it improves water retension and improves dyeing properties.
Stable to high temperature	Helps in combined scouring and dyeing in same bath. Hence, no additional process.

#### **General Characteristics**

Physical appearance	Off white to pale yellow hazy viscous liquid
Ionic nature	Nonionic
pH of 1% solution	6 +/- 1
Miscibility	Miscible with water
Stability	Stable to dilute acids and Stable to dilute alkalies
Compatibility	Compatible with cationic, anionic & nonionic products

#### **Application**

By Exhaust Method :

##### **Method-1 :**

##### **Scouring followed by Dyeing Recipe :**

Polyscour 7170	1-2 g/l
Acetic Acid	0.2 g/l
Application Temp	80 deg.C - 95 deg.C
Hold Time	15-20 mins
Bath to	Drain
Take fresh water and start dyeing	



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#### **Method-2 :**

#### **Combined Scouring and Dyeing Recipe :**

Polyscour 7170 1.5-2 g/l

Acetic Acid 0.2 g/l

Application Temp 60 deg.C

Hold Time 10 mins

Then add dyestuff and follow polyester dyeing process.

#### **Precautions**

Storage

Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg c. Close lids firmly to avoid contact with air and moisture.

Shelf Life

9 months from the date of manufacturing, if stored under controlled conditions.