BLEACHWIN (Special Grade Hydrogen Peroxide Package)



We are always the first and so…

At GACL, we bring the premium quality products manufactured by the state-of-the-art technologies.

Bleachwin is the result of collaborative research efforts of GACL & ATIRA (Ahmedabad Textiles Industry's Research Association) for Eco-friendly, Chlorine-free textile bleaching process exclusively developed for all hand processing units of India using special grade Hydrogen Peroxide in place of bleaching powder / Sodium Hypo Chlorite.

EXCLUSIVE FEATURES

- Special stabilizer is used to control the bleaching rate using GACL's special grade Hydrogen Peroxide
- Special activator is used to activate Hydrogen Peroxide at room temperature in all weathers
- No heating energy is required as used in textile process houses / textile mills
- Easily adoptable to existing setup of hand-processing sectors of India (Rajasthan, Gujarat, South India)
- No Chlorinated effluent generated like that in Hypo or Bleaching powder & hence it is an Eco-friendly process which is user-friendly also

SPECIFICATIONS

Sr.	Characteristic	Specifications
Bleachwin Hydrogen Peroxide (H_2O_2)		
1.	Appearance	Colourless liquid
2.	Concentration	50% w/w
3.	Stability	0.3 ml of O_2 / 25ml at 100°C for 30 minutes
Bleachwin 1 (Special Stabilizer)		
1.	Appearance	Clear yellowish Liquid
2.	Ionic Nature	Anionic
Bleachwin 2 (Special Activator)		
1.	Appearance	Pale Yellow Powder
2.	Iron (as Fe)	6 ppm max

Caution : Activator should be stored in a cool, dry & well ventilated place. Avoid contact of wood & iron with 50% concentrated Hydrogen Peroxide. Store in a shed avoiding direct sunlight contact.

ADVANTAGES

- Bleaching cost is almost same with better bleaching quality
- "Whiteness" in the cloth is of permanent nature. Cloth does not become yellow like bleaching powder / Sodium Hypo bleached cloth later on
- Cold "Bleachwin" process saves 5000 litres of water for batch of 2000 mtrs of grey cloth
- It gives good feel to fabric without any residual Chlorine / Hypo smell
- This process of "Bleachwin" removes starch very well and improves absorbency which gives better results during dyeing and after dyeing
- It gives spotless uniform dyeing depth to the fabric

PACKING

Bleachwin Hydrogen Peroxide
- 30 kg / 50 kg HM-HDPE Carboys

Bleachwin 1 (Stabilizer)
- 50 kg HM-HDPE Carboys

Bleachwin 2 (Activator)
- 25 kg/50 kg HDPE bags with inner HM liner

PRODUCTION CAPACITY

- Bleachwin Hydrogen Peroxide - 500 MT per Annum
- Bleachwin Activator - 50 MT per Annum
- Bleachwin Stabilizer - 50 MT per Annum

CONTACT

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GACL™ NATION'S AMBITION, OUR CHEMISTRY

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An ISO Certified Company (Promoted by Govt. of Gujarat)

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BLW

Eco Friendly

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