

Technical Data Sheet
Qualix-PK
(Catalyze enzyme for textile industry)

DESCRIPTION:

Quali-PK is a catalyses enzyme derived from Aspergillus Niger. It breaks down hydrogen peroxide in to nascent oxygen and water and is used for bleach clean up.

APPLICATION:

The bleaching of textile fabric or yarn, with hydrogen peroxide is most common today. After bleaching, the residue of hydrogen peroxide are left in bath and need to be completely removed prior to dyeing process, using a step called “Bleach Clean Up”.

Incomplete hydrogen peroxide removal can results in poor dyeing with distinct change of colour shade and intensity, as well as patchy, inconsistent dye distribution. This can make fairly new fabric look old and worn. Therefore, it becomes necessary to remove the residual hydrogen peroxide by means of bleach clean up process with aid of enzyme proKill HP.

Quali-PK offers following benefits:

- Efficient & complete bleach clean up.
- No damage to fabric & dyestuff.
- Reduction in consumption of water.
- Eco-friendly & Biodegradable.

Quality Chem

Manufacturer, Importers & Exporters

-----ISO 9001:2000 Certified Company-----

U-22, Yash Shopping Center, Opp. Jivan Jyot Cinema, Udhna, Surat, Gujarat 394210

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work: prabhuvandana Compound, Opp. Dhruv Motors Udhna, Surat

CHARACTERISTICS:

Appearance	Liquid
Color	Brown
Operative pH.range	4.0 - 8.0
Operative temperature range	40°C -70° C
Solubility	Soluble in water
Application Uses	0.1-0.5

GENERAL GUIDELINES:

The enzymatic bleach clean up depends on nature of fabric, type of process and application parameters. It is recommended to optimize their proportions to meet desired results.

COMPATIBILITY:

It is recommended to test compatibility of Quail-PK with other ingredients prior to its use for formulation of auxiliaries and its application.

PACKING:

It is available in 50 -200 Kg. HDPE drum.

STORAGE:

Cool & dry conditions are recommended. Extended storage or adverse conditions may lead to higher dosage requirement.

SHELF LIFE:

It can be stored up to six months at 25°C.

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SAFETY:

Enzyme preparation belongs to protein, which may induce sensitization and or cause allergic reactions in sensitive individuals. Prolonged contact may cause minor irritation for skin, eyes or mucous membrane of nose, so any direct contact with the human body should be avoided. If irritation or allergic response for skin or eyes develops, consult a doctor. MSDS is available on request.

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