



## Product Literature

### Kem Fade

#### DESCRIPTION:

**Kem Fade** is a formulated enzyme with fungal acid cellulase it is a tailor made formulation especially for enzyme washing/fading of denim garments.

#### CHARACTERISTICS:

Appearance	Liquid
Colour	Amber
Odour	Slight fermentation odour
pH	3.5-5.0, optimum 4.8
Activity temperature	50-60°C,
Solubility	Soluble in water

#### COMPATIBILITY:

**Chemical Auxiliaries:** Wetting agents, non-ionic surfactants, dispersants, buffering salts, pumice stones and cationic softeners are found to be compatible with KEM-CELL but compatibility testing is recommended prior to all formulations and applications. **Contact with ferric ions should be avoided**

#### PRODUCT ADVANTAGES:

- A small dose of enzyme can replace several kilograms of stones, the use of fewer stones results in less damage to garments, less wear on machines, and less pumice dust in the working environment.
- Improved & uniform fading effect.
- Improves softness to cellulosic garments.
- Eco-friendly and biodegradable

#### PROCESSING CONDITIONS:

Parameters	Conditions
Optimum temperature	60°C
Optimum pH	4.5
Dosage	1% (o.w.f), subjected to the effect required;
Duration	30-60mins, subjected to effect required
Bath ratio	1:5-1:20

#### INACTIVATION:

The enzyme can be inactivated by raising the temperature above 85°C for 10 mins, or by raising the pH above 8 for 10 mins.

#### TECHNICAL SERVICES:

Chembond Chemicals Ltd. Provides complete technical assistance for conducting on site trials and demonstration to the customers.

**PACKAGING:** 25kg drums

#### SHELF LIFE:

8 months, subjected to storage conditions. Recommended storage temperature is 25°C or below. Prolonged storage at temperatures above 30°C should be avoided.

#### SAFETY:

Enzyme preparation belongs to protein, which may induce sensitization and cause allergic type reaction in sensitized individuals. Prolonged contact may cause minor irritation for skin, eyes or mucous membrane of nose, so any direct contiguity with human body should be avoided. If irritation or allergic response for skin or eyes develops, consult a doctor



Chembond Center

EL—71, MIDC Mahape

Navi Mumbai—400710

Tel: 022 66143106/

Fax: + 22 2768 1294

info@chembondindia.com