

## TECHNICAL DATA SHEET: FIBER X

### 1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Chemical Composition:** Functional fiber.
- **Physical State:** Solid powder.
- **Color:** Off-white to light cream.
- **Odor:** Odorless.
- **Moisture Content:** Max 8.0% – 10.0%.
- **pH (10% Slurry):** 5.0 – 7.5.
- **Water Binding Capacity:** High (typically 4x–8x its weight).

### 2. SAFETY, CONTAMINANTS & LOGISTICS

- **Handling:** Prevent dust clouds; dust clouds may be explosive under certain conditions.
- **Protective Equipment:** Dust-proof safety goggles and gloves are recommended for prolonged use.
- **Storage:** Store in a cool, dry place away from oxidizing agents.
- **Environmental Impact:** No specific environmental impact data available; products of biodegradation are not likely to be hazardous in the short term.
- **Waste Disposal:** Dispose of residues in accordance with local authority requirements.

### 3. COMPLIANCE DECLARATION

- This product is a 100% vegetable-based functional fiber fit for human consumption and animal feed applications.
- Naturally non-GMO and free from hazardous impurities.
- Compliant with EU regulations for food safety and technical feed materials.