

## **SB Am-04**

### **Sizing Aid**

### **Introduction**

SB Am-04 is a liquid enzyme for preparing a starch-based composition, perfectly for use in paper sizing and/or coating compositions.

SB Am-04 hydrolyze starch randomly that result in rapid reduction of viscosity of gelatinized starch

### **Product Application**

SB Am-04 can be added at varied dose rate depending on target, type of starch and cooking time, but usually within 0.100 to 1.000 Kg per ton Starch.

Sufficient reaction time is required to breakdown the starch to accelerate viscosity. Five to fifteen minutes will in most cases be sufficient. The combination of time and dosage is obviously important.

### **Typical Properties**

Appearance ..... Brown liquid  
Density ..... 1.0500 – 1.2000 g/ml  
pH Enzyme ..... 4.0 – 7.0  
Solubility ..... Soluble in water

### **Packaging and Storage**

SB Am-04 is available 30 kg in plastic jerry can or 200 kg in plastic drum

Enzyme gradually loses activity over time depending on storage temperature. Cool and dry conditions are recommended.

Life time: 6 months at 25°C. 1 year 10°C. Extended storage, including higher temperature, may lead to a higher dosage requirement.

Shipping and storage: Protect from contact sunlight and rain.

### **Product Safety**

Enzyme is protein and inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals.

Wash hands thoroughly with warm, soapy water after contact. Avoid eye and skin contact

Spilled product may dry out and create dust.

Spilled material should be flushed away with water.