

## SB-RV07

### Revitalitation Enzyme

#### Description

**SB-RV07** is a liquid hydrolytic enzyme for revitalitation of recycle paper. The enzyme will selectively fibrillate fibers that facilitate subsequent improvement in physical factors, such as better dewatering water (Drainage) ability without any loss in the mechanical strength of the paper.

**SB-RV07** effectively modifies fiber properties by removing micro fines and improves fibrillation in cell-wall.

#### Benefits:

- Enhances paper strength and paper formation by increasing inter-fiber bonding through fibrillation.
- Improve drainage rates allowing for reduced steam consumption and increases paper machine speed.
- Reduce Fiber virgin usage

#### Properties

Appearance : light brown liquid  
Density : 1.0000 – 1.1000 g/ml  
pH Enzyme : 3.5 – 6.5

#### Recommended Dosage and Reaction Parameter

**SB-RV07** is added at dose rate 0.060 to 1.75 kg per ton pulp. This is active over a wide temperature range 40 – 80°C and pH 6.0 to 8.0 with optimum of temperature 60 – 70°C and pH 7.0 to 8.0.

#### Packing and Storage

Outer packing is 30 kg in plastic jerry can. Enzyme loses gradually activity over time depending on storage temperature. Cool and dry conditions are recommended.

Lifetime: 3 month at 25°C, 6 month at 15°C. Extended storage, including direct exposure of sunlight, may lead to a higher dosage requirement.

Shipping and storage: protect from contact with sunlight and rain.