

SB DS-05 Description

SB DS-05 is a liquid enzyme for removing color spots (contaminant) residue both water soluble inks from recycle fiber. **SB DS-05** is an excellent aid to improve color-contaminant removal. **SB DS-05** also significantly improves pulp brightness in low quality recovered paper.

SB DS-05 is an environmentally sound formulation that will not harm plant equipment or mechanical system and safer to use than harsh chemicals.

Performance Features:

- Appearance: Yellowish to brownish liquid. The color may vary and is not an indication of product strength.
- Benefits: **SB DS-05** offers 40% reduce in residual speck and 1-3 points increased in brightness.
- Additional benefits include increased papermachine runnability.

Properties

Appearance : Yellowish to brownish liquid
Density : 1.0150 – 1.0550 g/ml
pH Enzyme : 3.5 – 6.5

Recommended Dosage and Reaction Parameter

SB DS-05 is added at dose rate 0.15 to 0.30 kg per ton pulp. This is active over a wide temperature range 40 – 80°C and pH 7.0 to 9.0 with optimum of temperature 50 – 70°C and pH 7.0 to 8.0.

Packing and Storage

Outer packing is 30 kg in plastic jerry can or 200 kg in plastic drum. Enzyme loses gradually activity over time depending on storage temperature. Cool and dry conditions are recommended.

Lifetime: 6 month 32°C, Cooler condition are better .

Extended storage, including higher temperature, may lead to a higher dosage requirement.

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

Safety

Enzyme is proteins and inhalation of dust or aerosols may induce sensitized individuals. Spilled product may dry out and create dust. Spilled materials should be flushed away with water.