

SB D-05

Description

SB D-05 is a liquid enzyme for application to water base deinking recycled pulp. This enzyme improves ink separation from fiber by attack ink and fiber interface. This result in better ink release and less ink deposition back to fiber..

SB D-05 reduces dirt 50 up to 65%. The level of benevit varies with the process condition and type of furnish.

Performance Features:

- Appearance: light brown liquid. The color may vary and is not an indication of product strength.
- Benefits: **SB D-05** increase 1-3 point of brightness that gives significant effect in both wash and floatation systems.
- Improve drainage on paper machine which lead to either reduced steam consumption or increased throughtput of paper.

Properties

Appearance : light brown liquid
Density : 1.0100 – 1.1000 g/ml
pH Enzyme : 3.00 – 7.50

Recommended Dosage and Reaction

Parameter

SB D-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 at 32°C, Cooler condition are better.

Extended storage, including direct exposure of sunlight, 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.