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## SB – 1451 Flocculant

### Introduction

SB – 1451 is high molecular weight cationic polymer and effective for wide range of application and variety of industries.

This recommended for the following liquid-solid separation process:

- Belt filter, centrifuge, screw press dewatering
- Water clarification
- Dissolved air flotation
- Filtration
- Thickening

### Benefits

- Economical to use – effective at low dosage levels
- Perform well over a wide pH range
- Improve throughput and cake solids
- Achieve high solids capture
- Easily soluble in water

### General Description

Composition ..... Cationic Polyacrylamide  
Appearance ..... Off white, granular powder  
Bulk Density ..... 700 – 800 kg/m<sup>3</sup>  
pH 0.5% sol ..... 3.0 – 5.0  
Viscosity (0.10%) ..... 150 cps

### Dosage & Feeding

Solution can be prepared up to 0.5% concentration via an automated make down unit or on a batch basis. Solution should be aged 30 – 60 minutes for maximum effectiveness. High quality make up water should be used. Secondary dilution water should be added to the stock solution prior to the addition point at a ratio at least 10:1

Your SaBa Representative will recommend the proper dosage. For further information, please contact with our representative engineer

### Packing

SB -1451 is available in 25 kgs per bag