

# PRODUCT INFORMATION



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## BESFLOC K530CF

DRY CATIONIC FLOCCULANT

### Product Description

**BESFLOC K530CF is a high molecular weight, low charged cationic flocculant.**

The product is a free flowing granular powder which is completely water soluble.

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### Principal Uses

**BESFLOC K530CF is usually used as a dewatering aid for liquid-solids separation process**

- \* Dewatering of industrial chemical sludges in the Belt Press, Screw Press and Filter Press - increasing production rates, cake solids content and solids capture.
- \* Thickening of industrial sludges - improving sludge compaction, settling rates and effluent water quality.

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### Application and Storage

Recommended solution concentrations ;

Feed Solution : 0.1 ~ 0.2%

Recommended storage periods ;

Granular product in Original Packing : up to 2 years

Unopened paper bags should be stored in a cool, dry place. Partially empty bags should be carefully closed to prevent moisture pick up.

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### Typical Properties

Physical Form	white granular powder
Particle Size	0.1mm < 95% < 1mm
Ionic Charge	Medium Cationic
Viscosity of 0.5% sol'n at 25°C	50 ~ 70 cps
pH of 0.2% solution	2.0 ~ 5.0

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## Shipping and Handling

**Besfloc** is supplied in 10kg paper bag with inner polyethylene bag. **BESFLOC** has a low order of toxicity and no special precautions are necessary in handling. It is needed to **dissolve more than 1 hour** to make up feeding solution. Product solutions should be made up and diluted in stainless steel, FRP or plastic coated vessels. Make-up temperatures should be between 15 - 30°C (60 - 85°F). The use of aluminum, mild steel and copper-containing alloys for solution storage, pumps or associated piping should be avoided.

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## Health and Safety Information

**BESFLOC** exhibits a very low order of toxicity and does not present any abnormal problems in its handling or general use. Nevertheless, precaution should be taken to prevent inhalation, ingestion or contact with the skin or eyes. Observing basic industrial hygiene precautions, should prevent any health or safety hazards.

\* **Full details on Health and Safety aspects are available on request.**

Dry polymer spills should be left dry and swept up immediately.

**Note : Spills of dilute solutions can be extremely slippery.**

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## Warranty

The above information is based on data KOLON LIFE SCIENCE Inc. believes reliable and is supplied for informational purpose only. KOLON disclaims any liability for damage or injury which results from the use of the above data and nothing contained therein.

User should undertake sufficient verification and testing to determine suitable flocculating grade for their own particular purpose.

NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

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## Trade name

BESFLOC is the registered trade name of KOLON LIFE SCIENCE, INC..

Please refer hereunder for further details.

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