



## Product Data

### INDOFLOC AF-781

*Powder Clarification Flocculant*

#### DESCRIPTION:

**INDOFLOC AF-781** is a slightly medium molecular weight anionic acrylamide copolymer designed for use in the clarification of waste water and/or dewatering sludge from various process industries such as:

- < Pulp and Paper Mills
- < Food and Brewery Plants
- < Steel Mills
- < Oil Refineries
- < Semi-conductor and Electronic Plants
- < Textile Mills

#### TYPICAL PROPERTIES:

Form	White Powder Granule
Solid content	≥ 90 %
Density @ 25°C	≥ 0.60 gr/cm <sup>3</sup>
Molecular weight	17 – 19 (million)
Charge	Anionic

#### APPLICATION:

**INDOFLOC AF-781** must be dissolved in water through the use of polymer eductor to prevent gel formation. Solution concentration should be kept at 0.05-0.15% with tap water making use of suitable mixer preferably at 300-500 rpm.

**INDOFLOC AF-781** should be applied in an ideal feedpoint such as inlet flume of the clarifier or thickener. **INDOFLOC AF-781** solution concentration can be further reduced before injection to the system through the use of dilution water and static

mixer to provide maximum distribution/contact to the slurry solids. Preferable metering pumps to be used should be screw type.

Optimum dosage will depend on degree of waste contamination, but typical dosage can range from 0.5 - 4.0 ppm. Carbon steel and stainless steel tanks and pumps may be used. Galvanized metals and natural or synthetic rubber should be avoided. Teflon or other inert materials should be used for gaskets and pump seals.

#### HEALTH AND SAFETY:

As with any chemical **INDOFLOC AF-781** should be handled with reasonable care. **INDOFLOC AF-781** may cause irritation to skin, eyes, and clothing

#### EMERGENCY AND FIRST AID PROCEDURE:

- Eyes: Flash with large amount of water for at least 15 minutes.
- Skin: Wash with soap and water.
- Inhalation: Remove to fresh air.
- Ingestion: Do not induce vomiting. Give large amount of water. Get medical attention.

#### PACKAGING:

**INDOFLOC AF-781** is packed in polyethylene bag of 25 kgs net.

#### Office / Factory :

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