



## Product Facts

### Pretreat 5010 Polymeric Coagulant

#### PRODUCT DESCRIPTION.

Composition: High molecular strongly cationic compound based on a polyquaterneric amine.

- Supply form: Strongly cation.
- Ionic charge: Strongly cationic.

#### Fields of Application and Mode of Action.

Pretreat 5010 is used mainly for water and waste water purification, and also for filtration, flotation, clarification, thickening and dewatering of municipal and industrial sewage sludges.

The mode of action of the Pretreat 5010 product is based primarily on a charge exchange between the electric charges along the polymer chain, which are present in aqueous solution, and the surface charges of the suspended solid particles. The particle surfaces are destabilised and are then capable for coagulation or flocculation.

#### Application/Dosage.

Pretreat 5010 is dosed in dilute solution (approx.0.5-1%). The resistance to hydrolysis of the product enable it to be used over a wide pH-range.

#### Working Safety and Accident Prevention.

##### In case of spillage:

Caution: Severe skidding hazard in combination with water and moisture.

Keep public away from the danger area. Completely remove and store moist/liquid product with sand or binders. Repeat this procedure as required. Remove minor residue carefully from the road by spraying with a strong water jet.

#### Safety Measures.

Avoid contact with the eyes. Avoid extended contact with the skin. Rinse off the product after handling/touching.

#### Storage.

For storage of the product containers made of glass, stainless steel, plastic or epoxy-coated containers are recommended. Aluminium or iron should not be used as storage material. As the temperature drops, the viscosity increases considerably. However, after tempering and homogenising, the product is completely restored to a usable condition.

#### Packaging and shelf life.

Pretreat 5010 is available in HDPE 25kg / 5kg containers. The shelf life of Pretreat 5010 has been assessed at 1 year under normal storage conditions.

Dealer / Distributor



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