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Product Facts

PRETREAT 5030-P Flocculating Agent

APPLICATION

PRETREAT 5020-P is used mainly for wastewater purification, as well as for thickening and dewatering of municipal and industrial sewage sludge (centrifuges, screen belt presses, chamber filter presses). The product is especially suitable for applications where the formed flocs are subjected to high shear. The mode of action of cationic PRETREAT 5020-P products is based essentially on ion exchange between the electrical charges along the polymer chain present in aqueous solution and the surface charges on the suspended solid particles. The particle surfaces are destabilized, thus bringing about coagulation or flocculation.

PRODUCT DATA

Appearance: White granular solid
Charges Type: Medium anionic.
pH (0.1% Soln.) : Approx 7.0c.

FEATURES

- Easy to handle, prepare and dos.
- Improves sludge dewatering.
- Effective over a wide pH range.

DOSAGE

PRETREAT 5030-P is used as a dilute solution (0.05 to 0.1 %). For preparation of stock solutions (approx. 0.5 %) the original product is added to water with uniform stirring. After adissolving period of approx. 90 min. (at a temperature of _ 15 °C) the solution is mature and is thus ready for use. Owing to the very variable properties of the slurries and sludge to be treated, the required addition quantities for a particular application can only be determined by carrying out laboratory tests and industrial trials.

STORAGE AND HANDLING

High molecular flocculating agents, such as PRETREAT 5030-P are all basically sensitive to the effect of moisture, for example in the form of condensation water, water spray or splashes and atmospheric moisture. Contact with water (drops)can cause localized lump formation. The product must therefore be stored in dry, closed containers and protected from moisture.

Dealer / Distributor



ZION ENVIRO SYSTEMS (P) LTD.
TOTAL ENVIRO CARE
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Head Office : No.72, Mehta Villa, Balaji Nagar, Padikuppam Road, Anna Nagar (West), Chennai - 600 040.
Phone : 4330 8333 (3 Lines), Fax : 044 - 4330 8228. E-mail : sales@zionenviro.com

Visit us at : www.zionenviro.com