

MAG-IT

Polymer 555

Sludge Dewatering Polymer

Description:

Polymer 555 is a concentrated mixture of cationic polymers, petroleum distillates and organic acids for use in creating flocculated solids or in the dewatering of solids in the normal operation of wastewater treatment plants. Where recommended by MAG-IT, Polymer 555 rapidly produces coarse agglomeration of wastewater treatment solids, essential to the efficient separation of solids from liquid in plant operations.

Directions For Use:

Polymer 555 should be used at a rate of 100 ppm to 1,000 ppm. The polymer may be pre-diluted at up to 2% with water to aid in the dispersion of the chemical. Please note that the polymer should be added to the dilution water; if the water is added to the polymer a viscous gel is formed which is difficult to disperse and handle. The amount of material needed will vary with the composition of the material to be flocculated or dewatered. Thorough mixing or dispersion of the product in the liquor to be flocculated or dewatered is essential for best results. It is recommended that the polymer be allowed to mix for at least 15 minutes in the treated liquor prior to settling or transfer to filtration or dewatering beds to allow the polymer intimate contact with the solids to be separated.

Typical Properties:

BOILING POINT: 212°F

SPECIFIC GRAVITY: 1.02

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Opaque viscous liquid with a slight hydrocarbon odor

Disclaimer:

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by MAG-IT.