



## Product Information

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### Zetag 7557

#### GENERAL DESCRIPTION

Zetag 7557 is a medium molecular weight, polyacrylamide based flocculant, which exhibits a high degree of cationic charge. Once hydrated in water, reacts readily to provide superior floc formation and performance in a variety of solids/liquid separation processes.

Zetag 7557 is supplied in a unique micro bead form, which renders the product free flowing and essentially non-dusting.

#### FEATURES AND BENEFITS

Zetag 7557 has been designed as a flocculant for a variety of municipal and industrial waste substrates. It has been proven especially effective for conditioning these substrates for solids sedimentation, thickening and dewatering processes.

Zetag 7557 offers greatly improved solid/liquid separation efficiencies over a wide range of pH and is available in 25 kg bags for ease of handling and safety. Corrosion towards most standard materials of construction is very low. Stainless steel, fiberglass, polyethylene, polypropylene and rubberized surfaces are recommended. In some cases, aluminum and galvanized surfaces can be adversely affected.

#### TYPICAL PHYSICAL PROPERTIES

Physical Form	off-white free-flowing micro-bead
Bulk Density	50 lbs/ft <sup>3</sup>
pH	3.5-5.5
Particle Size	10% > 765pm 0% > 590pm 90% > 260pm

#### APPLICATION & STORAGE

Recommended solution concentration:

Stock Solution 0.25%-0.5%

Feed Solution 0.05%-0.25%

Recommended Storage Periods:

Product as Supplied Up to two years

Stock: 2-5 Days

Feed: 1-3 Days

Product should be stored in a cool, dry place and conditions of high temperature and high humidity should be avoided. Under such conditions, the hygroscopic nature of the product may result in excessive moisture and product caking.

#### HANDLING

Zetag 7557 exhibits a very low order of toxicity and does not present any abnormal problems in its handling or general use. Please refer to the MSDS prior to handling.

#### AVAILABILITY

Zetag 7557 is supplied in 55lb (25kg) bags from HiTech Fluid Systems Ltd.