Zetag™ 4139 Anionic Powder Flocculant

Product Description
Zetag 4139 is a high Molecular weight polyacrylamide-based flocculant with medium anionic charge density, supplied as free flowing powder.

Chemical Structure
Co-polymer of acrylamide & sodium acrylate.

Principal Use & Benefits
Zetag 4139 flocculant is for conditioning industrial effluents prior to mechanical or static solid/liquid separation.

Product is most effective for flocculating inorganic substrates (mineral based neutralised) and may be used post-coagulation.

Product Application
Zetag products need to be prepared into solution prior to use. Solution concentrations in the range 0.1-0.50% are recommended.

Highly effective across a wide range of applications (e.g. mechanical thickening and dewatering, flotation and clarification. Operation covers a wide pH range (4-9) with good shear stability.

This product is not suitable for use in potable water applications. If in doubt regarding suitability for a given application, please contact your local Representative

Storage
Product shelf life is 24 months based on date of manufacturing when sealed in its original packaging

Recommended storage temperature is ranging between 0-25°C

NOTE – Packages should be kept sealed when not used. Avoid contact with water prior to make-up

Preparation & Handling
Spilled product is slippery, especially when wet. Please refer to the SDS for methods of removing the polymer.

Maximize product solubility by using make-up water as soft as possible. At temperatures <5ºC products will be adversely affected to the extent that longer dissolution times will be required to achieve maximum performance.

Ensure make-up water temperature is below 25°C

For product disposal please refer to the Safety Data Sheet (SDS). Please refer to the Safety Data Sheet (SDS) for shipping and handling information.

Material Compatibility
Corrosion towards most standard materials of construction is very low.

Stainless steel, fiberglass, polyethylene (HDPE), polypropylene (PP) and rubberized surfaces are recommended. In some cases, aluminum surfaces can be adversely affected.

Packaging
This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging size for the application.

Safety
Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.

Regulatory Information

Refer to the SDS or contact your sales representative for any additional regulatory and environmental information.

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