

Water Technologies & Solutions fact sheet

BetzDearborn* AS1002

- Easy-to-feed, polymeric flocculant
- Reduced Floc Carryover
- Convenient, true liquid

description and use

BetzDearborn AS1002 is a liquid, high molecular weight, strongly anionic flocculant, which is designed to function in industrial treatment programs as a coagulant aid, or flocculant, in clarification, thickening, and softening processes. The product is chlorine resistant.

typical applications

BetzDearborn AS1002 is a true liquid, high molecular weight flocculant. This polymer is ideal for remote plant operations or small volume usage because it does not require extensive feed and makedown equipment.

A fast-settling floc is formed when BetzDearborn AS1002 is applied to warm or hot lime/soda softeners, cold lime softeners, and influent clarification systems. Floc carryover is reduced, resulting in a cleaner effluent.

BetzDearborn AS1002 is also an excellent sludge dewatering aid producing clean filtrate, high solids capture, and a drier cake. Applications to many types of have been successful, including blast furnace sludge dewatering applications.

treatment and feeding requirements

BetzDearborn AS1002 is an easy-to-feed liquid that does not require any special makedown procedures. BetzDearborn AS1002 can be fed neat with any suitable high viscosity gear pump or diluted with water to any convenient concentration.

Diluted product may be fed by a pump, eductor, or gravity flow to a point where good mixing, but not violent agitation, of the treated water occurs. High speed mixing decreases the activity of the polymer. Pumps used to transfer the solution to the point of application should be positive displacement gear or piston pumps. Proper treatment levels for BetzDearborn AS1002 depend on many factors such as severity of the problem and conditions particular to a given installation. The product is to be used in accordance with control procedures SUEZ establishes for a specific application.

packaging information

BetzDearborn AS1002 is available in a wide variety of customised containers and delivery methods. For more information please contact your SUEZ representative.

storage and handling

Store BetzDearborn AS1002 at moderate temperatures of 4 to 32°C, and protect from freezing. If frozen, thaw completely and mix thoroughly before use. The recommended shelf life of the product is six months.

Spilled polymer is very slippery. Small amounts of spilled polymer can be washed down with copious amounts of water. Large spills should be contained and absorbed on inert material, then disposed as solid waste prior to flushing with water.

safety precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.

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