

Water Technologies & Solutions fact sheet

Butaclean* 4802

extrusion enhancer

Butaclean 4802 is designed to:

- Form a dense, easily dewatered sludge
- Work with little or no need for pH adjustment
- Perform in pre-chlorinated systems
- Form faster settling floc
- Perform efficiently and economically

description and use

Butaclean 4802 is a strongly cationic, medium molecular weight, liquid coagulant. This polyelectrolyte is unique because it combines high charge density with an optimum molecular weight, producing a large, faster settling floc. This polymer is ideal for use in several coagulation applications requiring a fast settling floc.

typical applications

Butaclean 4802 is mainly used in the manufacturing of synthetic rubber such as SBR or NBR. Proper charge neutralization and an optimum molecular weight range provide enhanced SBR particle size so that they can be properly dried.

treatment

The proper treatment levels of Butaclean 4802 depend on the specific needs of each system. The product should be fed in accordance with control procedures SUEZ establishes for each particular application.

feeding

This product is miscible with water in all dilutions. It may be diluted to any desired ratio to meet the chemical feed pump capacity. For optimum product distribution,

Butaclean 4802 should be diluted to a 10% or less solution with clear water. Butaclean 4802 may also be applied neat (undiluted) to an area of high turbulence.

For best results, the product should be applied at a point where vigorous agitation is assured, such as the suction side of a water/wastewater pump.

Avoid using mild steel, copper, and aluminum for feeding concentrated Butaclean 4802. Corrosion resistant materials of construction, such as PVC, polyethylene, or stainless steel, are recommended for tank, pumps, and piping.

DO NOT MIX with other water or process treatment chemicals unless compatibility has been checked and approved by SUEZ Product Management.

storage and handling

This product should be stored in a cool area and protected from freezing. To ensure maximum activity, Butaclean 4802 should be used within six months.

Spilled polymer is very slippery and precautions should be taken to avoid such spills. If a spill occurs, cover the polymer with an inert absorbent material, sweep up the spill and place in a waste disposal container prior to flushing the area with water. Since the wet area may be slippery, sand, grit, or another suitable material may be used to provide additional traction.

safety precautions

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

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