

Water Technologies & Solutions fact sheet

Butaclean* 4610

polymerization inhibitor

Butaclean 4610 is designed to:

- Inhibit free radical polymerization fouling
- Decrease production losses
- Extend run lengths
- Reduce pressure drop constraints
- Increase efficiencies in heat transfer equipment and other process equipment

description and use

Butaclean 4610 is a hydrocarbon-soluble chain terminator designed to inhibit free radical polymerization fouling caused by heat of the process. Butaclean 4610 is most effective at stabilizing radicals in low oxygen environments and in a temperature range up to 100°C (212°F).

application

Butaclean 4610 is designed to minimize polymerization and reduce fouling in columns, reboilers and other equipment of butadiene, isoprene and elastomer units.

treatment

Proper treatment levels for Butaclean 4610 depend on many factors such as the severity of the conditions particular to a given installation.

Assessment of these factors will aid the SUEZ representative in recommending treatment rates and control procedures specific to each application.

feeding

Butaclean 4610 is typically fed neat, but can be diluted to a convenient strength with aromatic hydrocarbons if necessary.

For consistent protection, Butaclean 4610 should be fed continuously by a chemical proportioning pump. Injection points should be as far upstream of the fouling locations as possible to assure maximum mixing and contact.

Keep water out of the feed system.

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

evaluation

For best treatment performance, the Butaclean 4610 program must be conscientiously evaluated by periodically recording critical unit parameters such as heat transfer, pressure drop, and equipment cleaning cycles.

safety precautions - typical properties

A Material Safety Data Sheet (MSDS) containing physical property data and detailed safety information for this product is available by contacting your SUEZ representative.

The Lenntech logo is displayed in a blue, italicized sans-serif font.

info@lenntech.com Tel. +31-152-610-900
www.lenntech.com Fax. +31-152-616-289