

Water Technologies & Solutions fact sheet

Butaclean* 4629

antifoulant

Butaclean 4629 is designed to:

- Inhibit free radical polymerization of dienes
- Scavenge oxygen
- Decrease production losses
- Extend run lengths
- Work in both the extraction and finishing sections of butadiene and isoprene units

description and use

Butaclean 4629 is a water-soluble chain terminator/antioxidant formulated to inhibit free radical polymerization fouling both in the presence or absence of oxygen.

typical application

Butaclean 4629 reduces fouling due to polymerization in butadiene plant hydrocarbon/aqueous contactors. Butaclean 4629 is effective in both the extractive distillation section and in the finishing section of butadiene and isoprene purification plants.

treatment

Proper treatment levels for Butaclean 4629 depend on many factors such as the severity of the conditions particular to a given application.

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

feeding

For consistent effectiveness, Butaclean 4629 should be fed continuously by a chemical proportioning pump. Injection points will be determined specifically for each application.

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

Avoid copper bearing alloys in the feed system.

evaluation

For best treatment performance, the Butaclean 4629 program must be conscientiously evaluated by periodically recording critical unit parameters such as heat transfer, pressure drop, equipment cleaning cycles, and throughput rates.

safety precautions

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

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