

Water Technologies & Solutions fact sheet

Butaclean* 4627

antifoulant

Butaclean 4627 is designed to:

- Inhibit both alkyl and peroxy free radical polymerization of dienes in the extraction section
- Decrease production losses
- Extend run lengths

description and use

Butaclean 4627 is a highly concentrated blend of chain terminators designed to inhibit free radical polymerization of dienes in the presence or absence of oxygen.

application

Butaclean 4627 is effective in the extractive distillation section of butadiene plants.

treatment

Proper treatment levels for Butaclean 4627 depend on the severity of conditions particular to a given installation.

Typical treatment levels are 35 to 55 ppm (mg/L) based upon the flow of crude diene to the extraction section.

Assessment of each application by the SUEZ representative will result in a cost effective recommendation of treatment rates and control procedures specific to each application.

feeding

Butaclean 4627 is typically fed neat, directly from the shipping container. The product should be fed continuously by a chemical proportioning pump. Injection points are normally to the reflux, returning to the tower or other suitable location to insure proper distribution of the inhibitor.

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

evaluation

For best unit performance, the SUEZ program must be conscientiously monitored by periodic recording of system control parameters such as heat transfer, pressure drop, chest pressure, pump strainer cleaning frequency and temperatures.

safety precautions

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

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

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