

Water Technologies & Solutions
fact sheet**Butaclean* 4621****polymerization inhibitor**

Butaclean 4621 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 4621 is a chain terminator designed to inhibit free radical polymerization fouling initiated by heat induced radicals and/or peroxy radicals.

typical applications

Butaclean 4621 is typically used to minimize polymerization and reduce fouling in butadiene, isoprene extraction units, and elastomer plants.

treatment

Proper treatment levels for Butaclean 4621 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 4621 is typically fed neat. For consistent protection, Butaclean 4621 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. Consult SUEZ's representative for proper injection location recommendations.

storage and handling

Butaclean 4621 can be stored either in 316SS, 304SS containers. It is fully compatible with PVC, PP, PE HDCL and has good compatibility with LDPE and HDPE. It is also compatible with most of the elastomers with the exception of urethane and polysulfide.

Avoid exposure to cold temperatures as freezing point of Butaclean 4621 is -15°C (5°F),

Any questions or concerns relative to the storage or compatibility of Butaclean 4621 should be addressed to SUEZ.

evaluation

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

safety precautions

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

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