

Water Technologies & Solutions fact sheet

Butaclean* 4619

carbonyl scavenger

Butaclean 4619 is designed to:

- Remove carbonyls from crude C₄ cut
- Control polymerization due to aldol condensation reactions

description and use

Butaclean 4619 is a water soluble blend of inorganic carbonyl scavengers. It is designed to reduce the contamination of carbonyls in the feed to butadiene extraction units.

typical applications

Butaclean 4619 is applied to the water wash in the pretreatment section of butadiene extraction units.

treatment

The proper treatment levels of Butaclean 4619 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

Butaclean 4619 is injected directly to the wash water. It is typically injected neat or diluted to a convenient strength with oxygen free condensate or boiler feed water.

Feed equipment should consist of a totally enclosed polyolefin day tank. Protect the Butaclean 4619 product, storage container, and feed system from freezing.

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

evaluation

The proper chemical dosage and treatment effectiveness is determined by monitoring the concentration of carbonyls in the C₄ cut leaving the pre-treatment section of the butadiene extraction unit.

safety precautions

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

The Lenntech logo features the word "LENNTECH" in a blue, italicized sans-serif font.

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