

Petroflo* FC-629

Defoamer / Antifoam

Petroflo FC-629 is designed to:

- Control foaming in butadiene or isoprene units
- Increase tower efficiencies
- Stabilize unit operation

Description and Use

Petroflo FC-629 is an aqueous emulsion anti-foam/defoamer. This product is designed specifically to control foaming in butadiene or isoprene process systems where the extraction solvent is ACN.

Application

Petroflo FC-629 is effective as both an antifoam and defoaming agent in the extraction section. Petroflo FC-629 may be fed either continuously as an antifoam agent or on an "as needed" basis as a defoamer.

Treatment

Proper treatment levels for Petroflo FC-629 depend on many factors such as the severity of the foaming problem, temperature, and other conditions particular to a given installation.

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

Feeding

Petroflo FC-629 may be fed neat directly from the shipping container. When fed neat, a high viscosity positive displacement pump is recommended. The viscosity at 21.1°C (70°F) is 1588 cps and will increase as the temperature decreases. Heat tracing

and insulating the feed system are recommended if the product is to be exposed to temperatures below 0°C (32°F).

Do not mix with other process or water treatment chemicals unless compatibility has been checked with Product Management.

Evaluation

For best unit performance, the GE Infrastructure Water & Process Technologies program must be conscientiously monitored by periodic evaluation of system control parameters such as operating rates, pressure drops, temperatures and pH's.

Safety Precautions - Typical Properties

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



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