

# TRAMFLOC, INC.

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## Technical Information Bulletin

### TRAMFLOC® 1159 GENERAL PURPOSE WASTEWATER and PAPER MACHINE FOAM CONTROL AGENT

#### *Product Description*

Tramfloc®1159 is a multi purpose defoamer designed to control foam in various plant processes and outfalls, particularly those in biological wastewater treatment, WWTP outfalls, digesters, aeration basins, evaporators, scrubbers, oil and gas separators and on paper machines, paper coaters and size presses. Tramfloc®1159 has a high spread rate which affords efficient foam control across the system. When metered neat, Tramfloc®1159 exhibits very quick flash knockdown and excellent stamina. Tramfloc®1159 has shown itself to be effective in controlling foam in plant outfalls, flumes, the river outfall and on paper making machines. This product is useful in controlling foam in these systems at relatively low rates.

#### *Properties*

Tramfloc®1159 has an appearance of an off-white liquid. The product has a density of 8.34 lbs. per gallon, a pH of 7.0, a maximum viscosity of 250 cps, a pour point of 32<sup>o</sup> F and no flash point, as the formulation is water based.

#### *Uses*

Tramfloc®1159 is used for the following applications: wastewater plant outfalls, paper machines, oil and gas separators. General dosages are usually in the 50-100 ppm range. Tramfloc®1159 is normally fed neat but, may be pre-diluted with either warm or cold water. The product should be added into the incoming effluent at the clarifiers, aerators in an aeration basin or the river outfall. For paper machine applications Tramfloc®1159 can be metered neat into the white water system at the headbox prior to the foam problem at a rate of 0.5-5.0 lbs./ton of dry paper.

#### *Safety and Health*

Wash exposed areas with soap and water. Flush eyes with water for a minimum of 15 minutes. If irritation or nausea persists, seek medical attention. If inhalation occurs, move victim to fresh air. If unconscious, administer artificial respiration and seek medical attention. Read the material safety data sheet.

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