

# TRAMFLOC, INC.

6046 FM 2920 Road, Spring, TX 77379    Voice: 888-929-8973    Fax: 480-383-6895

## Technical Information Bulletin

### TRAMFLOC® 1160 and 1161 MEMBRANE SAFE FERMENTATION DEFOAMERS

#### *Product Description*

Tramfloc® 1160 and 1161 are specialty defoamers designed to control foam in various plant processes and outfalls, particularly those in biological wastewater treatment, WWTP outfalls, digestors, aeration basins, evaporators, scrubbers, oil and gas separators, ethanol fermentation and on paper machines, paper coaters and size presses and in membrane feedwater pretreatment systems. Tramfloc® 1160 and 1161 have a high spread rate which affords efficient foam control across the system. When metered neat, Tramfloc® 1160 and 1161 both exhibit very quick flash knockdown and excellent stamina. Tramfloc® 1160 and 1161 have shown themselves to be effective in controlling foam in plant outfalls, flumes, the river outfall and on paper making machines. The products are useful in controlling foam in these systems at relatively low rates.

#### *Properties*

Tramfloc® 1160 and 1161 have an appearance of an off-white liquid. The products have a density of 8.34 lbs. per gallon, a pH of 7.0, a maximum viscosity of 250 cps, a pour point of 32° F and no flash point, as the formulation is water based.

#### *Uses*

Tramfloc® 1160 and 1161 are used for the following applications: wastewater plant outfalls, paper machines, oil and gas separators, ethanol fermentation, and membrane feedwaters. General dosages are usually in the 50-100 ppm range. Tramfloc® 1160 and 1161 are 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® 1160 and 1161 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.

or product and potential infringement of patents is the sole responsibility of the user.