

# TRAMFLOC, INC.

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## Technical Information Bulletin

### TRAMFLOC<sup>®</sup> 1102F FOAM CONTROL AGENT

#### DESCRIPTION:

TRAMFLOC<sup>®</sup> 1102F is an organo-silicone defoamer formulated to eliminate foam. The formulation is also a drainage aid which increases the efficiency of brown stock washing and thickener systems in the paper industry.

TRAMFLOC<sup>®</sup> 1102F contains a proprietary blend of foam destabilizing and inhibiting mechanisms utilizing hydrophobic particles and super low surface tension spreading liquids coupled with defoaming surfactants and polymers that impart a level of defoaming and drainage performance not possible with more conventional defoamers.

TRAMFLOC<sup>®</sup> 1102F is essentially free of compounds suspected to contribute to the formation of chlorinated dioxins.

TRAMFLOC<sup>®</sup> 1102F is effective over the wide pH and temperature ranges.

TRAMFLOC<sup>®</sup> 1102F is free of pitch forming petroleum oil and ethylene bis stearamide (EBS) found in conventional brown stock washer defoamers.

#### REGULATORY INFORMATION:

The components of TRAMFLOC<sup>®</sup> 1102F comply with the criteria established in FDA regulations 21 CFR 176.210, governing the use of defoaming agents in the manufacture of paper and paperboard intended for food contact.

#### TREATMENT AND APPLICATION:

TRAMFLOC<sup>®</sup> 1102F is a free-flowing liquid and may be introduced to the process directly from the container or, alternatively, may be injected into a water dilution line. Application points and dosages will vary depending on equipment, stock properties and process conditions and are best determined with the assistance of your Tramfloc, Inc. representative.

#### TYPICAL PROPERTIES:

APPEARANCE: Off white opaque fluid. DENSITY @ 80°F: ~8.4 lbs./gal.

BROOKFIELD VISCOSITY @ 80°F: 500-2000 cps.

SOLUBILITY IN WATER: Slightly Dispersible

#### STORAGE AND HANDLING:

TRAMFLOC<sup>®</sup> 1102F should be stored between 40-90°F, including wind chill factor. Do not allow this product to freeze. If this product becomes thick, agitation will usually lower the viscosity. Use of a positive displacement pump is recommended.

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