

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC[®] 1102E FOAM CONTROL AGENT

DESCRIPTION:

TRAMFLOC[®] 1102E is a high performance water-based fatty alcohol defoamer which is formulated to provide excellent control of entrained air and surface foam in various industrial processes and effluent systems.

TRAMFLOC[®] 1102E contains a balanced proprietary blend of hydrophobic particles and surfactants that penetrate the foam lamella, causing rapid drainage of the thin film and foam destabilization.

TRAMFLOC[®] 1102E demonstrates superior cost effectiveness over other conventional water-based defoamers.

TRAMFLOC[®] 1102E has low aquatic toxicity (96 hr. LD₅₀=.35%)

TRAMFLOC[®] 1102E is readily biodegradable.

REGULATORY INFORMATION:

The components of TRAMFLOC[®] 1102E comply with the criteria established in FDA regulation 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[®] 1102E 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: Fluid white emulsion. DENSITY @ 80°F: 8.2 lbs./gal.

BROOKFIELD VISCOSITY @ 80°F: 700 cps.

SOLUBILITY IN WATER: Dispersible

STORAGE AND HANDLING:

TRAMFLOC[®] 1102E should be stored between 50-90°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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