

TRANS-4062 FOOD-GRADE ANTIFOAM AGENT

TRANS-4062 is a proprietary, water-based, non-silicone, kosher certified antifoam emulsion. It finds utility in various food-grade applications, including within the beverage industry, and within the dairy industry where it is effective for controlling foam during nonfat dry milk reconstitution, in cultured cheese production, and in whey processing. TRANS-4062 also demonstrates effective foam control in numerous industrial-grade applications.

REGULATORY STATUS

TRANS-4062 contains only ingredients that are recognized by qualified experts as safe in food products according to the Code of Federal Regulations, Title 21, Part 173.340(a)(2). It may therefore be used as a direct food additive. As a processing aid, TRANS-4062 is considered a secondary direct food additive and imparts no functional attributes to the food. Please consult the Code of Federal Regulations for further clarification on antifoam usage in your foodstuff.

APPLICATION AND USAGE GUIDELINES

To control foam, the recommended method of application is to add TRANS-4062 directly to the foaming product or process. Each foaming problem is unique and requires different treatment levels of antifoaming agent, therefore use only the minimum amount of antifoam required to control the foam. Trial testing will be necessary to optimize the amount of TRANS-4062 used in a given process, although a typical usage rate is 50-75 ppm in recon milk and in whey evaporation. This equates to approximately one gallon of defoamer for every 120,000 lb. of whey evaporated, or one gallon of defoamer for every 120,000 - 180,000 lbs. of recon produced. As with any antifoam or antifoaming agent, thorough testing should always be conducted to determine the suitability and compatibility of the antifoaming agent with the foaming system and processing equipment.

STORAGE

Keep containers tightly closed in a cool, dry, well-ventilated place. Applied Material Solutions recommends that unopened containers of TRANS-4062 be used within 9 months of purchase, although the product has been known to remain stable and effective for a year.

PHYSICAL PROPERTIES (Values are approximations)

Appearance: Opaque off-white liquid

Odor: Mild/Bland

Weight per Gallon (lbs): 8.3

Specific Gravity: 0.99

PACKAGING OPTIONS

Trans-4062 is available in totes (net 2250#), drums (net 450#), and pails (net 40#). Additional packaging options may be available by special request.

LIMITED WARRANTY – PLEASE READ CAREFULLY

For any given application, it is the responsibility of the end-user to assess the antifoam for suitability, performance, and safety. Applied Material Solutions' sole warranty is that the antifoam, as supplied at the time of shipment, will meet the specifications described on the Certificate of Analysis. All other warranties, either express or implied, are disclaimed by Applied Material Solutions, including the warranties of merchantability and of fitness for use. Applied Material Solutions' sole liability is limited to the refund of the purchase price or replacement of any antifoam shown to be other than as warranted. Applied Material Solutions disclaims any liability for any incidental or consequential damages resulting from the use of this product.

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