

TECHNICAL DATA SHEET

TA-20 FG 20% Active Silicone Defoamer

Description

This is a food grade silicone defoamer emulsion formulated to control foam in food systems and processes.

Key Features

- Highly active material based on silica-filled polydimethylsiloxane
- Excellent foam knockdown and persistence characteristics
- Effective in hot and cold systems
- Effective in low concentrations

Key Applications

- Vegetable washing
- Food processing
- Food starch and protein washes such as those found in egg and potato processing
- Pickle manufacturing (brine solutions)

Application

TA-20 FG is a water-dilutable, 20% active silicone defoamer, formulated to control foam in food systems and processes.

Packaging

Available in 40 lb pails, 460 lb drums and 2,200 lb totes.

Use and Cure Information

This product is compatible in most aqueous processing applications, however it is advisable to screen each application before use. Use product as is by adding directly into foaming system or dilute with process liquid prior to use. This product disperses in water systems with moderate amounts of mixing.

Health & Safety

This product is manufactured in compliance with the regulations of the U.S. Food and Drug Administration as cited in 21 CFR 173.340, defoaming agents used in processing foods.

Permissible use levels for polydimethylsiloxane in food are defined by this FDA regulation. This product is approved for use in Canada under the following CFIA categories: Cleaners (Cleaners/Defoamers for washing fruits and vegetables, code C3) and Egg Treatment Compounds (Foam control compound, code LL3).

Limitations

This product is not intended for pharmaceutical use.

Property

Product

Appearance
Color

Density

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Uncured Product

Viscosity

Addition Rates

Dosage - 1

Storage

Max Storage Temperature

Min Storage Temperature

Packaging

Shelf Life

Test Method

Value

White liquid

White

BS ISO
2781

0.96-1.0 g/cm³

Simethicone

Non-ionic

Yes

24

No

Brookfield 2000 cP

As defined by FDA regulation 21 CFR 173.340, defoaming agents used in processing foods.

38 °C / 100 °F

4 °C / 39 °F

This product is available for sale as 40 lb. pails and 441 lb. drums. and 2205 lb. totes

12 mths

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