SAG* 100

Silicone Antifoam Compound

Description
SAG 100 silicone antifoam compound is an excellent candidate to consider for food and feed processing in foam control situations generated by both ionic and nonionic foamants. SAG 100 is a non-aqueous 100 percent active antifoam that covers the range of food processing from frying to jelly/jam/sauce manufacturing. The components in SAG 100 silicone antifoam compound meet the requirements of the U.S. EPA regulation 40 CFR 180.960, and are therefore exempt from tolerances in food when used as an inert ingredient in agricultural applications in accordance with the other conditions of that regulation.

Key Features and Benefits

- Increased production throughput in food processing applications
- Excellent foam control in non-aqueous systems
- Control of foam generated by ionic and nonionic foamants
- Excellent product uniformity and batch-to-batch consistency
- Autoclavable
- Halal Certified (1)

(1) This product is produced under the supervision of the Islamic Food and Nutrition Council of America (IFANCA). This product is in compliance with the halal requirements under Islamic laws.

Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless</td>
</tr>
<tr>
<td>Specific Gravity at 25/25°C</td>
<td>0.988</td>
</tr>
<tr>
<td>Viscosity at 25°C (after stirring), cP</td>
<td>1500</td>
</tr>
<tr>
<td>Flash Point, Pensky-Martens Closed Cup</td>
<td>207 (405)</td>
</tr>
<tr>
<td>Shelf Life, months</td>
<td>24</td>
</tr>
</tbody>
</table>
Active Ingredient Content, %  100

(1) ASTM Method D 96
Typical physical properties are average data and are not to be used as or to develop specifications.

Potential Applications

<table>
<thead>
<tr>
<th>Component of cleaning solutions</th>
<th>Fermentations</th>
</tr>
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<tbody>
<tr>
<td>Edible oil processing</td>
<td>Food frying</td>
</tr>
<tr>
<td>Fat rendering</td>
<td>Hog scald baths</td>
</tr>
<tr>
<td>Feed supplement manufacture</td>
<td>Jam, jelly, sauce manufacturing</td>
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</table>

Patent Status
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