

SAG™ 730 Antifoam Emulsion

Description

SAG 730 antifoam emulsion is an aqueous system foam controller that may be considered for use when very high standards of quality and purity are required. This very adaptable foam control agent can provide excellent quality and purity of a food processing agent. It is an excellent candidate to consider for use in cosmetics applications, where very high standards are required. Formulated for aqueous systems, the 30-percent active emulsion can effectively control foam in nonionic, anionic and cationic surfactants over a broad pH range.

INCI Name: Water (and) Dimethicone (and) Sorbitan Stearate (and) PEG-40 Stearate (and) Silica

Key Features and Typical Benefits

- Increased production throughput in food processing applications
- Defoaming agent for processing foods (21 CFR 173.340) ⁽¹⁾
- Designed for aqueous systems
- Effective in nonionic, anionic and cationic foamants
- Useful over broad pH range
- Halal Certified ⁽²⁾

(1) Compositionally compliant with 21 CFR 173.340 and is appropriate for consideration for use as a defoaming agent in processing foods in accordance with the conditions specified and limitations imposed by this regulation. Please consult the FDA regulations for specifications and limitations, which may apply. The customer has the sole responsibility for determining that their product complies with all applicable FDA specifications and limitations and is fit for food contact use.

(2) 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

Appearance	White
Form	Pourable liquid
Specific Gravity at 25/25°C	0.99-1.01
Viscosity at 25°C (after stirring), cP	1000-2000
pH	4.0
Emulsifier Type	Nonionic
Suitable Diluent	Water
Shelf Life, months	24
Active Ingredient Content, %	30

Typical physical properties are average data and are not to be used as or to develop specifications.

Potential Applications

This antifoam may be considered for use in the manufacture of food and feed products, and in a variety of industrial processes. These applications include:

Food and Feed Processing	
Alcohol fermentation	Potato chip manufacturing
Beverages, juices and sauces	Preserves, jams and jellies
Bottle washing	Seafood washing
Component of cleaning solutions	Soups and stews
Condiment and flavoring manufacturing	Soy protein processing
Corn wet-milling	Vegetable washing
Egg washing	Whey processing
Feed supplement manufacturing	Other dehydration, evaporation and extraction processes
Food plant waste water treatment	
Cosmetics	
Formulation aid in cosmetics, balms, lotions, moisturizers, ointments, shampoos and sunscreens	Packaging aid

Patent Status

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Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

Email

commercial.services@momentive.com

Telephone

Americas	Latin America	EMEAI- Europe, Middle East, Africa & India	ASIA PACIFIC
+1 800 295 2392	Brazil	Europe	China
Toll free*	+55 11 4534 9650	+390510924300	800 820 0202
+704 805 6946	Direct Number	Direct number	Toll free
Direct Number			+86 21 3860 4892
			Direct number
*All American countries	Mexico	India, Middle East & Africa	Japan
	+52 55 2169 7670	+ 91 44 71212207	+81 3 5544 3111
	Direct Number	Direct number*	Direct number

***All Middle Eastern Korea**
countries, Africa, India, +82 2 6201 4600

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