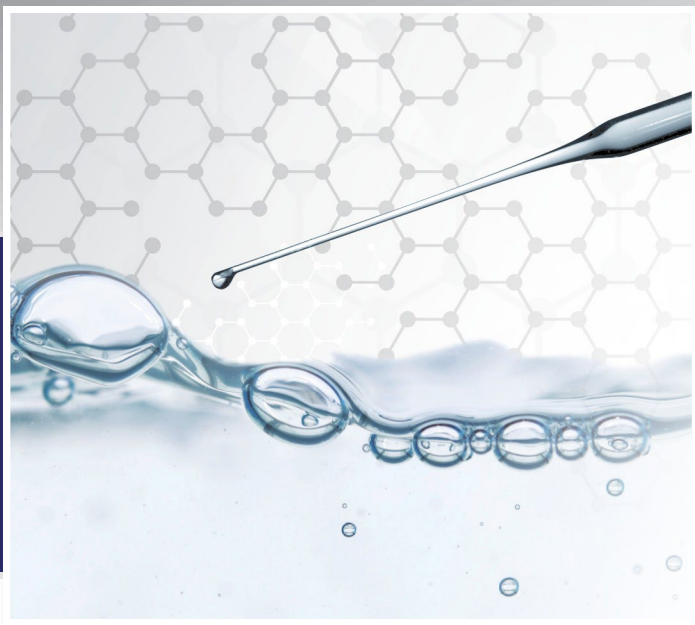


BIO-SIL

Antifoams & Emulsions



BIO-SIL AF720 PWD

Foodgrade Powdered Antifoam

TECHNICAL DATA SHEET

Rev.2 Date: 21/11/2016

PRODUCT DESCRIPTION

BIO-SIL AF720 PWD is a food grade, free flowing powdered antifoam consisting of a silicone based antifoam compound adsorbed onto an inert carrier. Showing excellent antifoaming and de-foaming of most aqueous systems, BIO-SIL AF720 PWD is specifically intended for use in powder based food products that requiring de-foaming upon rehydration. Also suitable for controlling foam in a range of biotechnological applications including brewing, fermentations as well as water treatment systems.

BIO-SIL AF720 PWD is effective at low concentrations, is fully soluble in both hot and cold water systems and will not alter microbial growth rates or yields.

STARTING GUIDE

BIO-SIL AF720 PWD should be added directly to the foaming system and does not require pre-dilution. When used in powdered products, addition towards the latter stages of processing is recommended. Suggested started rate for evaluation is 0.01%. For food applications, the maximal limit, as recommended by the FDA would be 0.005% in the final consumed product.

Please note - Tests formulating should still be carried out as system's ingredients vary in formulations.

CERTIFICATION & COMPLIANCES

Complies with FDA Code of Federal regulations Title 21 Section 173.340 – Secondary direct food additive used as defoaming agents.

AREAS OF USE INCLUDE

- Powdered food stuffs, including but not limited to:
 - Instant beverage mixes
 - Powdered soup mixes
 - Instant cereal mixes
- Detergents
- Fertilizers
- Pesticides
- Water treatment

TYPICAL SPECIFICATIONS

Appearance	White free flowing powder
Active Silicone Content [%]	20

*Typical product data values should not be used as specifications

PLEASE NOTE

- Material Safety Data Sheets are available upon request
- The warranty period without testing is 6 months from date of manufacture, if stored in the original unopened container at 4 to 27°C.

LEGAL DISCLAIMER: Each user bears the full responsibility for making its own determination as to the suitability of Supplier material, products, services, recommendations or advice for its own particular purposes. Each user must identify and perform test and analysis sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.