

Bisomer[®] G30

Bisomer[®] G30 is a high performance antifoam that is used extensively in various pharmaceutical fermentation processes and other microbiological fermentation processes.

Added key benefits over other antifoam products include very low toxicity to micro-organisms, improved yields and ease of removal from fermentation products.

Typical Physical Properties *

Property	Value
Appearance	Clear liquid
Soluble in	Alcohols ketones, kerosene, cold water
Insoluble in	Hot Water
Boiling point, °C	> 250
Pour point, °C	< -25
Flash point, °C	> 200
Specific gravity (20/20°C)	1.020
Cloud point (1% aqueous), °C	18-21

EUROPE

Charleston Road, Hardley,
Hythe, Southampton, Hampshire
SO45 3ZG UK
Call +44 2380 245 437

NORTH AMERICA

300 Brookside Avenue,
Building #23, Suite 100 Ambler,
PA 19002 USA

Call +1 215 773 9280 Toll

Free 888 519 3883

Email: PaintsandCoatings@geosc.com

www.geosc.com

* The typical values presented here are believed to be accurate; they should not, however be considered to constitute a specification.

Applications

Bisomer[®] G30 foam control agent has been developed as an antifoam specifically for use in pharmaceutical and other microbiological fermentation processes.

Within many types of fermentation broths, as well as being a top tier antifoam, **Bisomer[®] G30** shows clear benefits in terms of low toxicity to the fermentation microorganism. It has minimal interference with the extraction process of the desired fermentation product and is stable with conventional fermentor sterilisation procedures. **Bisomer[®] G30** offers many advantages in terms of dissolved oxygen content, low toxicity and yield/separation benefits.

Bisomer[®] G30 is soluble in water below 18°C and residual traces are easily washed away with cold water. Also, at temperatures below 18°C, it is fully soluble in aqueous systems and does not give problems with ultra-filtration systems, a common problem with silicones and other polyalkylene glycol antifoams.

Product Compliance

Bisomer[®] G30 meets the requirements for FDA compliance under 21 CFR sections § 176.210 and §177.1200.

Bisomer[®] G30 conforms to the Halal requirements in accordance with Islamic Law. (Copy of Halal Certificate available on request).

Kosher Status of **Bisomer[®] G30** : Pareve Passover (Copy of Kosher Certificate available on request)



Registration & Regulatory Information: Please refer to the safety datasheet.

Handling & Storage: This product can be stored for up to 2 years at ambient storage temperature and conditions without any deterioration. Please refer to the safety datasheet for more details.

Miscellaneous: Various pack types available; please contact your local GEO Specialty Chemicals representative for further information.

All information and data, including the formulations and procedures discussed herein, are believed to be correct. However, this should not be accepted as a guarantee of their accuracy, and confirming tests should be run in your laboratory or plant. No statement should be construed as a recommendation for any use which would violate any patent rights. Sales of all products are pursuant to terms and conditions included in GEO Specialty Chemicals sales documents. Nothing contained therein shall constitute a guarantee or warranty with respect to the products described or their use. Safety information regarding these products is contained in their Safety Data Sheets. Users of these products are urged to review and use this information.

REVISION DATE: OCTOBER 2020

Bisomer[®] is a registered trademark of GEO Specialty Chemicals, Inc.



G E O[®]
SPECIALTY CHEMICALS