



ARCHROMA MANAGEMENT LLC
Paper Solutions Business
Neuhofstrasse 11
4153 Reinach
Switzerland

www.paper.archroma.com

TECHNICAL PRODUCT INFORMATION

Antimussol® BPH Liquid

Foam control agent for paper and board production, providing good performance in wet-end applications.

TYPICAL PRODUCT PROPERTIES

Appearance:	White water-based emulsion.
Chemical character	Emulsion of organic, fatty alcohol.
Active Content	~19%
Ionic character:	Non-ionic.
Density (20° C):	0.975 kg/l.
Flash point:	N/A.
Viscosity (20°C):	300 cPs.
Emulsion particle size:	No particles are retained by a 400 µm aperture screen.
Solvent:	Water.
pH (as supplied):	5.0 - 8.0
Dilutability:	Forms a good dispersion in water, at all concentrations.
Biodegradation (OECD 302B):	>97% (28 days).
Stability to acids:	Not stable.
Stability to alkalis:	Not stable.
Stability to hard water:	High dispersible.
Compatibility with:	
- anionic/non-ionic products	Good.
- cationic products	Incompatible.
Storage stability:	Product has a shelf life of 6 months, at normal temperatures. However, during this period some phasing may occur. Re-mixing will ensure the product is suitable for use.

Purpose

Antimussol® BPH liquid is a very effective, simple to use, defoamer and paper stock deaerator for stock systems operating between 50° and 70°C. It is very persistent, therefore a single addition point usually provides good foam control throughout the wet-end system.

This product assists in the clean running of the paper machine due to its ability to prevent dirt flotation in surface foam, and does not contribute to pitch accumulation. It also has a low toxicity.

Antimussol® BPH liquid does not affect sizing performance or paper strength, when used at recommended addition levels.



Application

Antimussol® BPH liquid can be added, as received, via a specially designed air pump, positive displacement pumps, diaphragms and hose (peristaltic) pumps are also indicated. Considering **Antimussol® BPH liquid** being very fluid with low viscosity, it is not necessary use a special head for viscous product.

The optimum dosage and points of addition are determined by machine trials. Typically, an addition level of between 100 and 300 ml per tonne of paper, dosed in to the wire pit, provides efficient performance.

Food Contact Status

Antimussol® BPH liquid complies with the indirect food contact regulations listed:

Code of Federal Regulations (FDA) Chapter 21. Part 176.210., 176.170 and 176.180. 21CFR: 176.210, 176.170 & 176.180.

The components of **Antimussol® BPH liquid** are listed on Einecs/Elinics, TSCA, AICS, MITI/ENCS, DSL, PICCS, ECL & NZLoC.

Product storage

Antimussol® BPH liquid behaves in a similar manner to other water based emulsions and must be protected against freezing temperatures. If the emulsion breaks due to low temperatures, the product cannot be reconstituted. A minimum storage temperature of 5°C is recommended. Keep the container closed when not in use.

Precautions

Any spillages of the product should be washed away with plenty of cold water.



CONTACTS

EMEA

Archroma Management LLC
Paper Solutions
Neuhofstrasse 11
4153 Reinach Switzerland
Tel: +800 128 72737
Email: paper@archroma.com
Email (Austria): paper.austria@archroma.com Email
(Germany): info.papier@archroma.com

NORTH AMERICA

Archroma U.S., Inc.
4000 Monroe Road
US- Charlotte
NC 28205
North Carolina USA
Tel: +1 800 727 3710
Email: paperexpert@archroma.com

LATIN AMERICA

Archroma Brazil Indústria Química Ltda.
Avenida das Nações Unidas, 18.001
6º andar, Santo Amaro
CEP 04795-900
São Paulo - SP Brazil
Tel: +55 11 5683 7509
Email: paper.brazil@archroma.com

ASIA

Archroma China
No. 83 Xian Feng East Road Dong
Li District
CN-300300 Tianjin China
Tel: +86 21 2248 3380
Email: paper.china.email@archroma.com

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Archroma makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Archroma's products for its particular application. * Nothing included in this information waives any of Archroma's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Archroma products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Archroma. *For sales to customers located within the United States and Canada the following applies in addition: NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY,



SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

® Trademark of Archroma registered in many countries

© 2013 Archroma