MicrobialControl

Lonza

TRIADINE™ 174 Antimicrobial
Materials Protection

TRIADINE™ 174 Antimicrobial is registered with the U. S. Environmental Protection Agency (EPA Registration number 1258-1071) for use in inhibiting the growth of bacteria in latexes and other aqueous-based products such as paints, coatings, adhesives, and other water-based products intended for use in non-food-contact applications. It is a violation of Federal law to use an antimicrobial agent in an application for which it does not have EPA registration.

TRIADINE™ 174 Antimicrobial is an effective antimicrobial that is used to inhibit the growth of bacteria in aqueous-based latex emulsions. TRIADINE™ 174 Antimicrobial is easy and economical to use. Its active ingredient is hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine. (Chemical Abstracts Registry name and number: 1,3,5-triazine-(2H,4H,6H)-triethanol, CAS number 4719-04-4.)

Specifications

% Hexahydro-1, 3, 5-tris (2-hydroxyethyl)-s-triazine (min.)	76.1
pH (10% solution)	10.0-11.5

Properties

TRIADINE™ 174 Antimicrobial:

- Exhibits pronounced growth inhibiting activity against a broad spectrum of Gram negative and Gram positive bacteria.
- Is water soluble.

Typical Physical Properties[1]

Active Ingredients (%)	78
Form	Liquid
Color	Clear to pale yellow
Odor	Faint amine
Density (lb./gal)	9.66
Specific Gravity @ 25°C	1.16
Density (lb./gal)	9.65
Vapor Pressure (mm Hg) @ 20°C @ 40°C	 3.3 13.4

[1]Typical values, not specifications

For More Information

Technical Service

Technical service is available to facilitate further use of Lonza Microbial Control biocides. If you have a specific question, or need further information, please write or call Biocides Technical Service. Your Lonza Sales Representative can also be contacted directly.

How to Order

If you would like to inquire about an existing order, place an order, ask about product availability, or order a sample please contact the nearest Lonza Sales Office.

Packaging

TRIADINE™ 174 Antimicrobial is available from Rochester, NY in 60 lb. and 500 lb. high-density polyethylene drums. Please contact your Lonza sales representative for pricing and shipping information.

Application

For product application and formulation information please refer to TRIADINE™ 174 Antimicrobial product labeling.

For information on spills, call 1 800 654 6911.

For more information, visit www.lonza.com

USA
Lonza Microbial Control
Materials Protection
5660 New Northside Drive, Suite 1100
Atlanta, GA 30328
Tel: +1 800 365 8324
Tel: +1 678 627 2000
microbialcontrol@lonza.com

Use biocides safely. Always read the label and product information before use. The products described herein may not be registered or may be registered only for certain uses in your country.

The product information herein corresponds to our knowledge on the subject at the date of publication and we assume no obligation to update it. It is offered without warranty, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information and is intended for use by persons who are experienced and knowledgeable in the field and capable of determining the suitability of ingredients for their specific applications. Republication of the statements made herein is prohibited. No claims are made herein for any specific end-use application, and use of the information herein is the sole responsibility of the user based on his or her independent evaluation. Any data relating to test organisms included herein relates to standard laboratory test species and is provided for information only. No claim of controlling organisms in public health applications is made by the inclusion of such data nor should any such claim be implied. The user should perform appropriate tests to determine the suitability and efficacy of our products in the user's application and conditions of use. The information we provide is not intended to substitute for such testing. The user assumes all risks of use and handling and accepts full responsibility for compliance with all applicable Federal, state and local laws and regulations. The information we provide is not intended and should not be construed as a license to operate under or a recommendation to infringe any patent or other intellectual property right, and the user should ensure that his or her use does not infringe any such rights. Our products are for industrial use only. WE MAKE NO WARRANTY (INCLUDING AS TO MERCHANTABILITY OR FITNESS FOR PURPOSE) OF ANY KIND, EXPRESS OR IMPLIED, OTHER THAN THAT OUR PRODUCTS CONFORM TO THE APPLICABLE PRODUCT SPECIFICATIONS.

Lonza Microbial Control is a business unit of Lonza Group Ltd.

TRIADINE is a trademark of Arch Chemicals, Inc., and its affiliates.

© 2013 Lonza Ltd.