

# Active Substance Support for N-(3-aminopropyl)-N-dodecylpropane- 1,3-diamine (Triamine)<sup>1</sup>

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Triamine) [CAS No. 2372-82-9] is an amine compound supported by Lonza under the European Union Biocidal Products Regulation (BPR, EU (No) 528/2012) for use in Product Type (PT) 2, 3, 4, 6, 8, 11, 12 & 13.

## 1. Purpose

The purpose of this document is to provide Lonza's customers with a summary of the supporting information that Lonza can make available on Triamine, which is sold under the Lonzabac® 12 brand name. This information will be essential for the preparation of Biocidal Product Authorisation Dossiers under the European Union Biocidal Products Regulation (BPR, EU (No) 528/2012).

## 2. Supported Use Patterns for Product Types 2 - 4

The Active Substance Review of Triamine in Product Types 2 – 4 remains on-going. However, to allow forward planning, a list of the 'Hygiene' use patterns which Lonza will continue supporting under the BPR has been compiled. It should be noted that use patterns and efficacy claims not listed in the document may still be supported by customers, subject to an assessment of the final end use biocidal product which takes into account efficacy data, product stewardship considerations and a suitable Risk Assessment in addition to any other factors which may be relevant.

Triamine supported uses can be shared with customers under provision of a Confidentiality Agreement (CDA).

## 3. Analytical Method for the Determination of Triamine by HPLC- ELSD

A method is provided that Lonza's customers can adapt to identify and quantify the active substance N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Triamine) [CAS No. 2372-82-9] level in formulated products using HPLC-ELSD. This method was submitted in the Active Substance dossier and will be used by Competent Authorities for enforcement. Certified secondary laboratory standards can also be made available for use in this analysis.

The analytical method can be made available to customers after signing a CDA or Supply Agreement.

## 4. End Points

A list of End Points for Active Substances will be required in the preparation of Human Health and Environmental Risk Assessments required as part of the Biocidal Product Authorisation dossier. The following documents are available for Triamine:

Physical and Chemical End Points Document covering:

- Active Substance Classification according to CLP<sup>2</sup>
- Active Substance Identity
- Physical and Chemical Properties
- Analytical Methods

Human Health End Points Document covering:

- Relevant CLP Classification
- Local Effects
- Systemic Effects

Ecotox End Points Document covering:

- Relevant CLP Classification
- Eco-Toxicity (PNECs)
- Fate and Behaviour in the Environment

Summaries of relevant End Points for Triamine can be made available to customers after signing a Supply Agreement.

## 5. Mode of Action

The Biocidal Products Committee (BPC) issued a draft Combined Assessment Report on the 'Mode of Action' during the assessment of Triamine for PT8. Lonza recommends that applicants seeking Product Authorisation use the same wording in their Biocidal Product applications.

A summary of the wording can be made available to customers after a CDA is in place.

**For further guidance and support, please contact your nearest Lonza sales representative or office.**

## References

<sup>1</sup> Under the BPR review program (see reference above) N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine is abbreviated as "Diamine"; however historically the term "Triamine" has been used.

<sup>2</sup> CLP is the European Regulation on the Classification, Labelling and Packaging of Substances and Mixtures [EC (No) 1272/2008].



### EMEA Region

Lonza Ltd  
Muenchensteinerstrasse 38  
4002 Basel, Switzerland  
Tel: +41 61 316 81 11  
bpr@lonza.com

Use Biocides Safely. Review and follow all product safety instructions. All product information corresponds to Lonza's knowledge on the subject at the date of publication, but Lonza makes no warranty as to its accuracy or completeness and Lonza assumes no obligation to update it. Product information is intended for use by recipients experienced and knowledgeable in the field, who are capable of and responsible for independently determining the suitability of ingredients for intended uses and to ensure their compliance with applicable law. Proper use of this information is the sole responsibility of the recipient. This information relates solely to the product as an ingredient. It may not be applicable, complete or suitable for the recipient's finished product or application; therefore republication of such information or related statements is prohibited. Information provided by Lonza 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. No claims are made herein for any specific intermediate or end-use application.

© 2018 Lonza

[www.lonza.com](http://www.lonza.com)

[www.survivethebpr.com](http://www.survivethebpr.com)