



TriadineTM 10 Bactericide-Fungicide

Product Stewardship Summary

May 2009

• Product Name:	• Triadine 10 Bactericide-Fungicide
• CAS Name	• Mixture
• CAS Number	• NA
• EINECS Number	• NA

- *General Description.* TriadineTM 10 bactericide-fungicide is an aqueous solution containing tris-hydroxyethyltriazine and 2-pyridinethiol-1-oxide. It is pale amber in color and will have a faint odor of amines. This product is registered with the U.S. EPA under the Federal Insecticide, Fungicide and Rodenticide Act.
- *Manufacture.* During production, potential exposure to the concentrate by humans and the environment is tightly controlled and confined through strong industrial hygiene protocols and processes, engineering of the manufacturing equipment, and the use of personal protective equipment.
- *Applications.* TriadineTM 10 product is a mixture of a bactericide and a fungicide used in metalworking fluids, as well as in wet state preservation of latex emulsions used in architectural paints, adhesives, caulks, inks, analytical and diagnostic reagents, and other water-based products.
- *Benefits.* TriadineTM 10 bactericide-fungicide is a highly effective antimicrobial agent used for preventing the growth of fungi and/or bacteria in the wide variety of products listed above. When used in metalworking fluids, TriadineTM 10 product prevents the build-up of bacteria and fungi in coolant and lubricant solutions which reduces the

chance of production downtime due to clogged lines and filters during metal processing.

- *General Precautions.* Triadine™ 10 concentrate is considered to be toxic if inhaled, harmful if ingested, and corrosive to the eyes. Laboratory tests suggest that the test article may be potentially corrosive to the skin and is considered practically non-toxic through contact with the skin. Laboratory tests have shown Triadine™ 10 bactericide-fungicide is not genotoxic or carcinogenic and does not cause any reproductive or developmental effects.

Based on evaluations of the active components of the product, Triadine™ 10 concentrate is expected to be slightly toxic to fish and other aquatic organisms; however, in diluted form and in the registered use patterns, environmental exposure is minimal.

- *Likelihood of Exposure.* This product is not sold to the individual consumer. Its uses are in the industrial workplace where exposures to humans and the environment are tightly controlled.
- *Risk Management:* Those handling Triadine™ 10 concentrate or diluents should carefully read and follow all label directions.

For additional information, please visit our web site at www.archchemicals.com and click on “Contact Us”.

This summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to be, and should not be relied upon as, a substitute for the detailed health and safety information contained in the Material Safety Data Sheet (or any other required hazard communication material) for this product, which should be consulted before use of the chemical or treatment for exposure. As with any product, it is very important to read and carefully follow all label directions and warnings. This summary does not amend, modify, or replace required regulatory and/or legal communication documents.