Environmental Hazards

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the appropriate water quality authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this material in a way that will contact workers or other persons.

Troy’s MERGAL® K12N is a microbiocide, which is effective against a broad spectrum of bacteria, yeast and mold. It may be used as an industrial preservative for adhesives, building materials, emulsions, fountain solutions, glues, inks, lubricants*, metalworking fluids**, mineral slurries, paints and coatings, pigment dispersions and textile finishes**.

MERGAL® K12N is a liquid and may be added at any point in the production process. For best results, add as early in the manufacturing process as possible. If high temperature or high alkalinity is expected in the manufacturing process, it is recommended that MERGAL® K12N be added after these conditions have been controlled.

Usage rates may vary depending on the application and the user is advised to test the material to determine the exact usage in an individual application. Typical usage rates are 0.05 to 0.3% based on the total weight of the formulation (0.05-0.3 lbs/100 lbs formulation).

Adhesives/glues: 0.1 to 0.3%

Building materials (including admixtures, caulks, joint cements, sealants, starch solutions, stucco and thickener solutions): 0.05 – 0.3%

Emulsions, paints and coatings: 0.05 to 0.3%

Fountain solutions/inks 0.1 to 0.2%

Metalworking fluids 0.1 – 0.5%

Mineral slurries and pigment dispersions: 0.1 – 0.5%

Textile finishes and lubricants* 0.1 – 0.5%

**Lubricants, metalworking fluids and textile finishes are not approved for use in the State of California against yeast and mold.

Mergal® K12N is not to be used for coatings, adhesives or other materials that will come into contact with food and food surfaces.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Storage between 32°F (0°C) and 90°F (32°C) is recommended.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of empty containers, spray mixture, or rinse is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank or store rinsewater for later use or disposal. Repeat this procedure two or more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Merger Chemical Corporation

One Avenue L, Newark, N.J. 07105

Mergal® AND Polyphase® are registered trademarks