

# TRIADINE™ 10 INDUSTRIAL MICROBIOSTAT

\_\_\_\_ LBS. NET \_\_\_\_\_ kg

## ACTIVE INGREDIENTS:

Sodium 2-pyridinethiol-1-oxide ..... 6.4%

Hexahydro-1, 3, 5-tris (2-hydroxyethyl)-S-triazine ..... 63.6%

INERT INGREDIENTS ..... 30.0%

TOTAL ..... 100.0%

**ACCEPTED**  
OCT 09 1980  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 1258-990

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
**SEE FIRST AID STATEMENT AND**  
**ADDITIONAL PRECAUTIONS ON**  
**SIDE PANELS**

## STORAGE AND DISPOSAL

Do not store above 100°F (38°C). Store in a dry place. Keep container tightly closed when not in use. Do not store with strong oxidizing agents or strong (concentrated) acids. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Unused contents should be disposed of in a landfill approved for pesticides. Do not reuse empty container. Triple rinse with water and: (1) If container is metal, offer for recycling, reconditioning or disposal in approved landfill; (2) If container is plastic, dispose of in an incinerator (do not breathe fumes) or landfill approved for pesticide containers. Consult Federal, State or Local disposal authorities for approved alternate procedures.

## DIRECTIONS FOR USE

### GENERAL CLASSIFICATION

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

**IN AQUEOUS-BASED METALWORKING FLUIDS:** To inhibit the growth of bacteria and fungi add Triadine 10 according to the following directions:

**SYNTHETIC TYPE FLUIDS:** for inhibition lasting up to 8 weeks add 0.07% v/v Triadine 10 (7 gal. per 10,000 gal. of fluid).

**SEMI-SYNTHETIC AND EMULSION (Soluble Oil) TYPE FLUIDS:** for inhibition lasting 4 to 8 weeks add 0.10% v/v Triadine 10 (10 gal. per 10,000 gal. of fluid.).

The above directions are for fluids having a fluid to water ratio of 1:20 (5% v/v).

When adding fresh, diluted fluid to compensate for dragout or other losses, add Triadine 10 to the makeup fluid according to the above directions.

Frequent checks (at least once a week) of the bacterial and fungal populations in the system should be made using standard microbiological plate count procedures or any of the commercial "dip-stick" type devices. When the bacterial count reaches  $10^7$  and/or the fungal count reaches  $10^3$  organisms per ml add additional Triadine 10 at the initial dosage rate.

The fluid should be checked at least once a day with a refractometer (or other suitable means) to determine if water loss by evaporation has occurred. Make-up water should be added daily to compensate for such losses.

The fluid should be monitored at least once a week (depending on the metalworking operation involved) for the following: Tramp oil, pH, odor, oil droplet size, and anticorrosion properties. If any of these parameters are outside of the specifications established for the system in question they should be brought up to the specifications by addition of suitable additives or the fluid should be discarded and replaced after cleaning the system. Add Triadine 10 to the fresh fluid according to the above directions.

Contaminated fluid systems should be cleaned prior to the addition of Triadine 10. Drain the system; clean with a cleaner designed for this purpose, rinse with water and refill with fresh fluid.

The Triadine 10 may be added to the fluid at the time it is prepared (diluted) or to the reservoir (slump) containing the fluid after it is put into use. If it is added to the reservoir the fluid should be circulated after addition to ensure mixing.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMAN AND DOMESTIC ANIMALS

**DANGER:** Corrosive and alkaline. Causes eye damage, and skin irritation. May cause skin sensitization. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed, inhaled or absorbed through the skin.

### FIRST AID

#### (PRACTICAL TREATMENT)

In case of contact immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes call physician. Remove and wash contaminated clothing before reuse.

If swallowed drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Do not induce vomiting.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Use of 0.15 molar cysteine solution in the eyes may be beneficial. Be alert for possible development of pulmonary edema and/or circulatory shock and if necessary, treat with oxygen, mechanically assisted breathing and appropriate pharmaceuticals to sustain circulation. Convulsions, if they occur, be controlled by careful intravenous use of short-acting barbiturates.

### CHEMICAL HAZARDS

Do not store with or mix with strong oxidizing agents or strong (concentrated) acids. In case of contamination, do not reuse container. If possible, isolate container in open air or well ventilated area. Fumes caused by contamination may be hazardous.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact the Regional Office of EPA.

**Olin CHEMICALS**

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