

2014-1516  
2014-06-18

# MERGAL® MW1.5

An Industrial Microbiocide for use in metalworking fluids

Solution

COMMERCIAL

GUARANTEE:

5-Chloro-2-methyo-4-isothiazolin-3-one	1.14%
2-Methyl-4-isothiazolin-3-one	0.40%

KEEP OUT OF THE REACH OF CHILDREN  
READ THE LABEL BEFORE USING

REGISTRATION NO. 31390  
PEST CONTROL PRODUCTS ACT

WARNING

CORROSIVE

POTENTIAL SKIN SENSITIZER

NET CONTENTS:

\_\_\_\_\_ L

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Newark, N.J. 07105  
U.S. (973)589-2500  
Canada (905)760-7902

## **DIRECTIONS FOR USE:**

**NOTE: THIS PRODUCT IS NOT TO BE USED IN THE PRODUCTION OF ANY MATERIALS THAT MAY COME INTO CONTACT WITH FOOD**

### **PRESERVATIVE FOR METALWORKING FLUIDS AND CONVEYOR LUBRICANTS:**

**For non-food plant industrial use only.**

Mergal® MW1.5 is recommended for the control of bacteria and fungi in soluble and emulsifiable type aqueous metalworking fluids, such as emulsified petroleum oils, and formulations containing alcoholic fatty acid, sulfonated red oil, or naphthalene sulfonate and water based conveyor lubricants. These fluids are usually prepared by diluting the product concentrates 1:50 with water.

**Metal Working Fluids:** For the maintenance of a non-fouled system, use the diluted Mergal® MW1.5 at 22 ml per 100 L of emulsion every 4 weeks, or 22-100 ml per 100 L of emulsion every 8-12 weeks. For a noticeably fouled system use initial dose of 43-100 ml per 100 L of emulsion to be followed by subsequent dosages depending upon the treatment interval noted above. The higher dosage range or increased frequency of treatment may be required depending on rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the use-dilution of the metalworking fluid by a metering pump and uniformly dispersed throughout the system.

**Conveyor Lubricant:** These fluids are prepared by diluting the product concentrated 1:50 to 1:400 with water. The concentration of Mergal® MW1.5 added to ensure final use dilution will contain 200-1000 ppm of Mergal® MW1.5 (3 – 15 ppm active ingredient). Grossly contaminated systems must be cleared before treatment is begun. For initial dose in a notably fouled system meter 1 L of Mergal® MW1.5 per 1000 L of use dilution conveyor lubricant. If necessary, continue metering 400 ml to 1 L of Mergal® MW1.5 per 1000 L of conveyor lubricant until control is achieved and maintain the final use dilution at 400 – 1000 ppm (3 – 15 ppm active ingredient). After establishing microbial control or to prevent fouling of a clean system, maintain Mergal® MW1.5 at 3-15 ppm active ingredient by metering 200 ml to 1 L per 1000 L of conveyor lubricant.

### **PRECAUTIONS:**

KEEP OUT OF THE REACH OF CHILDREN. POTENTIAL SKIN SENSITIZER. DANGER: CORROSIVE TO EYES AND CAUSES SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION. Do not get in eyes, on skin or on clothing. Do not swallow. Avoid breathing vapors and spray mists. After handling, immediately remove contaminated clothing, wash skin thoroughly with soap and water and put on clean clothing. Keep and wash contaminated clothing separately from other laundry before reuse. Avoid contamination of food. Wear long pants, a long-sleeved shirt, chemical-resistant gloves, a full face NIOSH-approved respirator and a chemical-resistant apron during mixing/loading, clean-up and repair.

May be harmful if inhaled. May be fatal if swallowed or absorbed through the skin.

### **ENVIRONMENTAL HAZARD:**

This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

**FIRST AID:**

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be required. Treat symptomatically.

**STORAGE:**

Keep container closed when not in use. Do not contaminate water, food or feed by storage, cleaning of equipment or disposal of waste. Open dumping is prohibited. This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

**DISPOSAL:**

1. Triple or pressure-rinse the emptied container thoroughly and add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for information on the clean-up of spills.

Date of Manufacture:

**NOTICE TO USER:**

This control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.