



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

NOV 26 2013

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Nancy Lentz  
Troy Chemical Corporation  
8 Vreeland Road, PO Box 955  
Florham Park, New Jersey 07932-4200

Subject: Remove 'Algae' from Use Directions on TROY MERGAL K9N  
EPA Reg. No. 5383-103  
Amendment Letter dated August 27, 2013

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is acceptable. The following label changes are acceptable:

- Remove the term algae from use directions

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions concerning this letter, please contact Elizabeth Watkins at (703) 347-0241.

Sincerely,

A handwritten signature in black ink, which appears to read "Marshall Swindell", is written over the typed name.

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, skin or clothing. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. This product may cause skin sensitization reactions in some people. Do not breathe vapor or spray mist. Wear goggles or face shield. Wear a mask or pesticide respirator approved by the National Institute for Occupational Safety and Health.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Mixers, loaders and others exposed to methylisothiazolinone products must wear:

- Long-sleeve shirt and long pants
- Chemical-resistant apron
- Chemical-resistant gloves
- Shoes plus socks

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
  - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
  - Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

FIRST AID

|                         |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IF IN EYES:             | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the 5 minutes, then continue rinsing the eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>                                                     |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>                                                                                                           |
| IF SWALLOWED:           | <ul style="list-style-type: none"><li>• Call a poison control center or doctor for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |
| IF INHALED:             | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>                                           |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

TROY MERGAL® K9N

Industrial Microbiocide for Adhesives, Building Materials, Concrete Admixes, Emulsions, Pigment Dispersions, Paints and Coatings, Household, Industrial and Janitorial Cleaning Products Including Floor Cleaners, Waxes, Polishers, and Surface Cleaners, Shampoos and Pre-sprayers Laundry Additives including Liquid Laundry Detergents, Fabric Softeners, Silicone Emulsions and Surfactants and Stain Removers, Metal Working and Hydraulic Fluids, Oil Field Injection Waters.

|                          |             |
|--------------------------|-------------|
| EPA Reg. No.             | 5383-103    |
| EPA Establishment Number | 5383-NJ-001 |

ACTIVE INGREDIENT:

|                                        |                |
|----------------------------------------|----------------|
| 5 Chloro-2-Methyl-4-isothiazolin-3-one | ..... % Weight |
| 2-Methyl-4-isothiazolin-3-one          | .....1.14%     |
| INERT INGREDIENTS                      | .....0.36%     |
| TOTAL                                  | .....98.50%    |
|                                        | .....100.0%    |

KEEP OUT OF REACH OF CHILDREN

DANGER

SOLD FOR INDUSTRIAL USE ONLY

See Side Panel for Additional Precautionary Statements

IN CASE OF EMERGENCY:

CALL 1-800-424-9300

Net Weight:

Troy Chemical Corporation  
One Avenue Newark, N.J. 07105

MERGAL® and POLYPHASE® are registered trademarks

NOV 26 2013

Under the Federal Insecticide, Fungicide, and Pesticide Act as amended, for the pesticide, registered under EPA Reg. No. 5383-103

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 local sewage treatment plant 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.

Troy Mergal®K9N is a microbiocide that is effective against bacteria, yeasts and molds. It is used as an industrial microbiocide for adhesives, building materials, pigment dispersions, emulsions, paints and coatings.

Troy Mergal®K9N is used to control bacteria and fungi in dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, and magnesium silicate used in paint and paper production. Typical emulsions include printing components (inks, resins, waxes, and surfactants). Building materials include mastics, caulks, joint cements, spackling, plasters and stuccos. Use as an in-can preservative in paints and coatings.

It is best if Troy Mergal®K9N is added to the initial phase of production; however, if excessive temperatures or pH values occur, addition at the end of the manufacturing process is recommended.

Typical usage rates are 0.05-0.40% (0.05-0.40 lbs. per 100 lbs of formulation) based on the total weight of the formulation.

For Household, Industrial and Janitorial products use 0.05-0.15% (0.5-1.5 pounds per 1000 lbs. of product).

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

For the control of slime-forming and sulfate reducing bacteria in oil and gas field systems, including enhanced recovery injection fluids, drilling, fracturing and completion fluids, slug treat with 7-36 ppm depending on the severity of contamination. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids. Initial Dose: Add 14-28 ppm (0.57-1.2 gallon or 6.2 -12.5 pounds K9N per 1000 barrels of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved. Subsequent dose: Add 5.5-14 ppm (0.22-1.2 gallon or 2.4-6.2 pounds K9N per 1000 barrels of water) every 7 days or as needed to maintain control.

For Metal Working and Hydraulic Fluids see attached Product Information Sheet.

STORAGE AND DISPOSAL

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

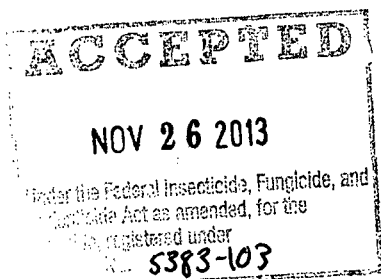
PESTICIDE STORAGE: Storage between 32°F (0°C) and 90°F (32°C) and is recommended.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture, or rinseate 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. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Repeat this procedure two 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.

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2/3



## **PRODUCT INFORMATION SHEET**

TROY MERGAL K9N  
EPA REG. NO. 5383-103

### **DIRECTIONS FOR USE** **METALWORKING AND HYDRAULIC FLUIDS**

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

**Metalworking Fluids:** Recommended for the maintenance and control of bacteria in soluble and emulsifiable-type aqueous metalworking fluids.

**Maintenance:** For non-fouled systems use Troy Mergal K9N at 32 fluid ounces per 1000 gallon of emulsion (2 pound) every 4 weeks or 32-148 fluid ounces per 1000 gallon of emulsion (2-10 pound) every 8-12 weeks. This corresponds to 250-1,167 ppm Troy Mergal K9N (3.84-17.5 ppm active ingredient).

For fouled systems use an initial dose of 64-148 fluid ounces per 1000 gallon emulsion (4-10 pound) to be followed by subsequent maintenance dosages depending on the treatment interval already referenced. This corresponds to 500-1,167 ppm Troy Mergal K9N or 7.5-17.5 ppm active ingredient.

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

**Hydraulic Fluids:** Recommended for the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume mineral oil using an oil-soluble emulsifying agent.

**Maintenance:** For non-fouled systems use Troy Mergal K9N at 110-135 fluid ounces (7.2-8.8 pound) per 1000 gallon fluid every 8 weeks. This corresponds to 980-1,200 ppm Troy Mergal K9N or 15-18 ppm active ingredient.

For fouled systems use an initial dose of 35-235 fluid ounces (8.8-15.4 pound) per 1000 gallon fluid to be followed by subsequent maintenance dosages. This corresponds to 1,200-2,100 ppm Troy Mergal K9N or (18-32 ppm active ingredient).

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