



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 22, 2019

Maureen Miksztal  
Senior Regulatory Manager  
Troy Chemical Corporation  
8 Vreeland Road  
Florham Park, NJ 07932

Subject: Label Amendment – Add oil recovery use  
Product Name: MERGAL K10N  
EPA Registration Number: 5383-107  
Application Date: July 28, 2019  
Decision Number: 554190

Dear Ms. Miksztal:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one 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.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Mohammad Alavi by phone at (703) 347-0522, or via email at [Alavi.mohammad@epa.gov](mailto:Alavi.mohammad@epa.gov).

Sincerely,



Zeno Bain, Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

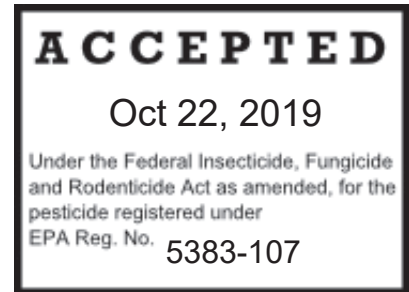
Enclosure

# MERGAL ® K10N

Industrial Preservative To Prevent Deterioration and Degradation Caused By Bacteria and Fungi in the Following Aqueous Systems: Adhesives, Caulks, Inks, Joint Cements, Metalworking Fluids, Mineral and Pigment Slurries, Oil-Water Emulsions, Paints and Coatings, Oil Recovery Systems\*\*, Plasters, Polymer Emulsions And Dispersions, Sealants, Textile Coatings, Thickeners, Household, Industrial and Janitorial Products (solid and liquid): Car Care Products, Floor Cleaners, Laundry Additives Including Liquid Laundry Detergents, Fabric Softeners And Stain Removers, Polishes And Surface Cleaners and Waxes.

ACTIVE INGREDIENT:.....% Weight  
1,2-Benzisothiazolin-3(2H)-one .....9.5%  
INERT INGREDIENTS .....90.5%  
TOTAL .....100.0%

EPA Reg. No. 5383-107  
EPA Establishment Number 5383-NJ-001



**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**FOR INDUSTRIAL USE**

See Side Panel for Additional Precautionary Statements

**IN CASE OF EMERGENCY: CALL 1-800-424-9300 (CHEMTREC)**

Net Weight:

[Manufactured for: / Produced for: / Sold by:]

**Troy Chemical Corporation**

One Avenue L, Newark, N.J. 07105

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER

**CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or clothing. Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, goggles or faceshield and chemical-resistant gloves made of any waterproof material. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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

#### USER SAFETY RECOMMENDATIONS

Users should:

- User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<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 first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b>	<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>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately 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>
<b>IF INHALED:</b>	<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. Emergency Phone Number: 800-424-9300	
<b>NOTE TO PHYSICIAN:</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. 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.

## **STORAGE AND DISPOSAL**

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

**STORAGE:** Protect from freezing. If frozen, allow the product to thaw and stir well before reuse.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. Open dumping is prohibited.

**CONTAINER HANDLING:** 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  $\frac{1}{4}$  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 rinsate into application equipment or a mix tank or store rinsate 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.

## **MASTER LABEL – Sub-label A**

Industrial Preservative To Prevent Deterioration and Degradation Caused By Bacteria and Fungi in the Following Aqueous Systems: Adhesives, Caulks, Inks, Joint Cements, Metalworking Fluids, Mineral and Pigment Slurries, Oil-Water Emulsions, Paints and Coatings, Plasters, Polymer Emulsions And Dispersions, Sealants, Textile Coatings and Thickeners.

### **DIRECTIONS FOR USE**

**It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.** MERGAL®K10N is an industrial preservative used to prevent deterioration and degradation caused by bacteria and fungi in aqueous systems. Mergal®K10N is suitable for a wide range of conditions and can be used at pHs of 3-13. Since Mergal®K10N contains no organic solvents, it is especially suited for applications where VOC is a concern. Mergal®K10N can be added at any stage of production, but it is recommended that the addition be made to the water in the beginning of the process.

**Note:** Strong oxidizing agents such as peroxides can inactivate Mergal®K10N. Use rates are provided, but laboratory/field trials are suggested in order to determine the most appropriate rate of use within the range specified on this label.

**For Polymer Emulsions & Dispersions, Coatings, Caulks, Sealants, Adhesives, Mineral & Pigment Slurries, Oil-Water Emulsions, Spin Finish Solutions for Textile Industries, Inks, Metalworking Fluids, Thickeners, Joint Cements, Paints and Plasters:** Use 0.05 – 0.5% Mergal®K10N by weight based on the total weight of the final formulation.

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## **MASTER LABEL – Sub-label B**

Industrial Preservative To Prevent Deterioration and Degradation Caused By Bacteria and Fungi in Aqueous Household, Industrial and Janitorial Products (solid and liquid): Car Care Products, Floor Cleaners, Laundry Additives Including Liquid Laundry Detergents, Fabric Softeners And Stain Removers, Polishes And Surface Cleaners and Waxes.

### **DIRECTIONS FOR USE**

**It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.** MERGAL®K10N is an industrial preservative used to prevent deterioration and degradation caused by bacteria and fungi in aqueous systems. Mergal®K10N is suitable for a wide range of conditions and can be used at pHs of 3-13. Since Mergal®K10N contains no organic solvents, it is especially suited for applications where VOC is a concern. Mergal®K10N can be added at any stage of production, but it is recommended that the addition be made to the water in the beginning of the process.

**Note:** Strong oxidizing agents such as peroxides can inactivate Mergal®K10N. Use rates are provided, but laboratory/field trials are suggested in order to determine the most appropriate rate of use within the range specified on this label.

For **Household, Industrial and Janitorial products** use 0.15-0.30% or 0.5-3 lbs per 1000 lbs. of material to be protected. For use in **pre-moistened sponges and mops** and **wet wipes** for use in industrial, commercial, residential and household uses cited. Wet wipes containing a solution preserved with Mergal®K10N may not be used for personal care as baby wipes or for food contact.

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## **MASTER LABEL – Sub-label C**

### **Industrial Preservative To Prevent Deterioration and Degradation Caused By Bacteria and Fungi in Oil Recovery Systems\*\***

MERGAL K10N is an industrial preservative used to prevent deterioration and degradation caused by bacteria and fungi in aqueous systems. MERGAL K10N is suitable for a wide range of conditions and can be used at pHs of 3-13. Since MERGAL K10N contains no organic solvents it is especially suited for applications where VOC is a concern. MERGAL K10N can be added at any stage of production, but it is recommended that the addition be made to the water in the beginning of the process.

**Note:** Strong oxidizing agents such as peroxides can inactivate MERGAL K10N. Use rates are provided, but laboratory/field trials are suggested in order to determine the most appropriate rate of use within the range specified on this label.

#### **Oil Recovery Systems\*\***

This product is an effective preservative in most aqueous oil recovery products:

#### **Drilling Fluids, Packer Fluids, Completion Fluids:**

Polysaccharide fluid loss control agents and thickeners such as starch, guar, and xanthan gum at a use rate of 0.1 – 0.3% on fluid weight or 3.0 – 9.0% on the dry polysaccharide weight.

#### **Subsurface Injection Waters such as Polymer and Micellar/polymer Waterfloods:**

Thickeners such as polysaccharides and xanthan gum at a use rate of 0.1 – 0.3% on the solution weight.

\*\* Not approved for use in the State of California