



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

Nancy Lentz  
Troy Corporation  
8 Vreeland Road  
P.O. Box 955  
Florham Park, NJ 07932

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

APR 02 2014

Subject: Creating Master Label  
EPA Reg. No. 5383-106  
Amendment Letter dated January 28, 2014

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:

- Reformatting label to create a master label separating industrial directions from household/institutional directions.
- Updating storage and disposal language

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 cursive script that reads "Elizabeth J. Watkins" followed by a small flourish.

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

2/12

**ACCEPTED**  
04/02/2014  
Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 5383-106

# MERGAL® K12N

Industrial Microbiocide for use in Emulsions, Paints and Coatings, Building Materials, Metalworking Fluids, Adhesives, Pigment/Clay Slurries, Waterborne Paints, Starch and Thickener Solutions, Sealants (including Caulks), Textile Finishes and Lubricants, Thickeners, Cements, Inks, Joint Home Care Cleaning Products including Floor Cleaners, Waxes, Polishes, and Surface Cleaners, Laundry Additives including Liquid Laundry Detergents, Fabric Softeners and Stain Removers.

## MASTER LABEL

[Sub-label A: Industrial Microbiocide for use in Emulsions, Paints and Coatings, Building Materials, Metalworking Fluids, Adhesives, Pigment/Clay Slurries, Waterborne Paints, Starch and Thickener Solutions, Sealants (including Caulks), Textile Finishes and Lubricants, Thickeners, Cements and Inks.]

[Sub-label B: Industrial Microbiocide for use Joint Home Care Cleaning Products including Floor Cleaners, Waxes, Polishes, and Surface Cleaners, Laundry Additives including Liquid Laundry Detergents, Fabric Softeners, Stain Removers and Thickeners.]

<b>ACTIVE INGREDIENT:</b> .....	<b>% Weight</b>
5 Chloro-2-Methyl-4-isothiazolin-3-one .....	0.81%
2-Methyl-4-isothiazolin-3-one .....	0.26%
2-Bromo-2-nitro-1,3-propanediol .....	7.10%
<b>INERT INGREDIENTS</b> .....	<b>91.83%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

EPA Reg. No.	5383-106
EPA Establishment Number	5383-NJ-001

**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:

[Manufactured for / Produced for / Sold by:]

**Troy Chemical Corporation**

One Avenue L, Newark, N.J. 07105

MERGAL® and TROYGUARD® are registered trademarks

**MERGAL® K12N**

**SUB-LABEL A**

**Industrial Microbiocide for use in Emulsions, Paints and Coatings, Building Materials, Metalworking Fluids, Adhesives, Pigment/Clay Slurries, Waterborne Paints, Starch and Thickener Solutions, Sealants (including Caulks), Textile Finishes and Lubricants, Thickeners, Cements and Inks.**

4/12

# MERGAL® K12N

Industrial Microbiocide for use in Emulsions, Paints and Coatings, Building Materials, Metalworking Fluids, Adhesives, Pigment/Clay Slurries, Waterborne Paints, Starch and Thickener Solutions, Sealants (including Caulks), Textile Finishes and Lubricants, Thickeners, Cements and Inks.

ACTIVE INGREDIENT:	% Weight
5 Chloro-2-Methyl-4-isothiazolin-3-one	0.81%
2-Methyl-4-isothiazolin-3-one	0.26%
2-Bromo-2-nitro-1,3-propanediol	7.10%
INERT INGREDIENTS	91.83%
TOTAL	100.00%

EPA Reg. No.

5383-106

EPA Establishment Number

5383-NJ-001

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:

[Manufactured for / Produced for / Sold by:]

**Troy Chemical Corporation**

One Avenue L, Newark, N.J. 07105

MERGAL® and TROYGUARD® are registered trademarks

**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. 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 a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and 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

<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 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> </ul>

	<ul style="list-style-type: none"> <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.	
<b>NOTE TO PHYSICIAN:</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

### 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.**

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

MERGAL®K12N is a microbiocide which is effective against a broad spectrum of bacteria, yeast and molds. It may be used as an industrial preservative for emulsions, dispersion paints and coatings, adhesives and building materials.

MERGAL®K12N is a liquid and may be added at any point in the production process. For best results, it should be added 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 0.20% in emulsions, paints and coatings and joint cements based on the total weight of the formulation. Usage rates of 0.02 to 0.20% are typical for adhesives based on the total weight of the formulation.

Pigment/clay slurries: 0.1 – 0.5%.

Waterborne paints: 0.05 – 0.3%.

7/12

Thickeners, Starch and thickener solutions and sealants (including caulks): 0.05 – 0.2%.

Textile finishes and lubricants: 0.1 – 0.5%.

Inks: 0.05 – 0.2% (0.05-0.2 lbs/100 lbs formulation).

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) and is recommended.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture, or rinsate 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 ¼ 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

8/12

TROY MERGAL® K12N

**SUB-LABEL B**

**Industrial Microbiocide for use Joint Home Care Cleaning Products including Floor Cleaners, Waxes, Polishes, and Surface Cleaners, Laundry Additives including Liquid Laundry Detergents, Fabric Softeners, Stain Removers and Thickeners.**



9/12

# MERGAL® K12N

Industrial Microbiocide for use Joint Home Care Cleaning Products including Floor Cleaners, Waxes, Polishes, and Surface Cleaners, Laundry Additives including Liquid Laundry Detergents, Fabric Softeners, Stain Removers and Thickeners.

ACTIVE INGREDIENT:	% Weight
5 Chloro-2-Methyl-4-isothiazolin-3-one	0.81%
2-Methyl-4-isothiazolin-3-one	0.26%
2-Bromo-2-nitro-1,3-propanediol	7.10%
INERT INGREDIENTS	91.83%
TOTAL	100.00%

EPA Reg. No.	5383-106
EPA Establishment Number	5383-NJ-001

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:

[Manufactured for / Produced for / Sold by:]

**Troy Chemical Corporation**

One Avenue L, Newark, N.J. 07105

MERGAL® and TROYGUARD® are registered trademarks

**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. 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 a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and 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

<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 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> </ul>

11/12

	<ul style="list-style-type: none"> <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.	
<b>NOTE TO PHYSICIAN:</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**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.**

**Do not apply this product 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 molds. It may be used as an industrial preservative for joint home care cleaning products.

MERGAL®K12N is a liquid and may be added at any point in the production process. For best results, it should be added 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 0.20%.

Home Cleaning Products/Laundry Additives: 0.05 – 0.2% (0.05-0.2 lbs/100 lbs formulation).

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

12/12

## 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 rinsate 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 ¼ 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.

NRL 28Jan2014