



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 2, 2014

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

Subject: Label Amendment - Update description of uses and application rates
Product Name: MERGAL K12N
EPA Registration Number: 5383-106
Application Date: September 4, 2014
Decision Number: 495344

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.

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 Karen M. Leavy by phone at (703)-308-6237, or via email at Leavy.Karen@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "SEIICHI MURASAKI". The signature is stylized and cursive.

Seiichi Murasaki
Acting Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

MERGAL® K12N

Industrial Microbiocide for use in Adhesives, Building Materials, Emulsions, Fountain Solutions, Glues, Inks, Lubricants**, Metalworking Fluids**, Mineral Slurries, Paints and Coatings, Pigment Dispersions, Textile Finishes** and Home Care Cleaning Products including Floor Cleaners, Waxes, Polishes*, and Surface Cleaners, Laundry Additives including Liquid Laundry Detergents, Fabric Softeners and Stain Removers.

**POLISHES are not approved for use in the state of California*

*** Lubricants, metalworking fluids and textile finishes are not approved for use in state of California against yeast and mold*

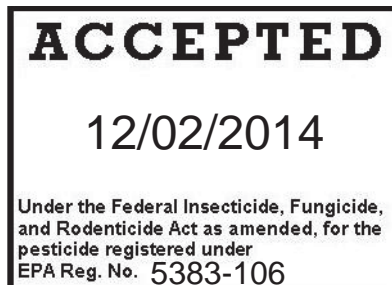
MASTER LABEL

[Sub-label A: Industrial Microbiocide for use in Adhesives, Building Materials, Emulsions, Fountain Solutions, Glues, Inks, Lubricants**, Metalworking Fluids**, Mineral Slurries, Paints and Coatings, Pigment Dispersions, Textile Finishes**

[Sub-label B: Industrial Microbiocide for use in 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

MERGAL® K12N

SUB-LABEL A

Industrial Microbiocide for use in Industrial Microbiocide for use in Adhesives, Building Materials, Emulsions, Fountain Solutions, Glues, Inks, Lubricants**, Metalworking Fluids**, Mineral Slurries, Paints and Coatings, Pigment Dispersions, Textile Finishes**

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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

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• 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 SWALLOWED:	<ul style="list-style-type: none">• 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 INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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.	

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 mold. It may be used as an industrial preservative for adhesives, building materials, emulsions, fountain solutions, glues, inks, lubricants**, metalworking Fluids**, mineral slurries, paints and coatings, pigment dispersions and textile finishes**.

MERGAL®K12N is a liquid and may be added at any point in the production process. For best results, add 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 0.3% based on the total weight of the formulation (0.05-0.3 lbs/100 lbs formulation).

Adhesives/glues: 0.1 to 0.3%
Building materials (including admixtures, caulks, joint cements, sealants, starch solutions, stucco and thickener solutions): 0.05 – 0.3%
Emulsions, paints and coatings: 0.05 to 0.3%
Fountain solutions/Inks 0.1 to 0.3%
Metalworking fluids ** 0: 0.1 – 0.5%.
Mineral slurries and pigment dispersions: 0.1 – 0.5%
Textile finishes and lubricants** 0: 0.1 – 0.5%.

*****Lubricants, metalworking fluids and textile finishes are not approved for use in the State of California against yeast and mold***

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) 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

MM 9/4/2014

MERGAL® K12N

SUB-LABEL B

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

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

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