

09/20/2012

1/4

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



United States
Environmental Protection
Agency

Office of Pesticide Programs

SEP 20 2012

Troy Chemical Corporation
8 Vreeland Road
Florham Park, N. J. 07932

Attention: Adrian Krygsman, Director
Product Registration

Subject: Troy Mergal K9N
EPA Registration No. 5383-103
Notification Dated July 30, 2012

The amendment, submitted in connection with registration under section 3©(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, for the addition of new end uses: Metalworking and Hydraulic fluids to the labeling, is acceptable.

A stamped copy of the "accepted" labeling is enclosed. Submit two (2) copies of the final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3©(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell".

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

Enclosure

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:	• 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. • 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 SWALLOWED:	• Call a poison control center or doctor 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:	• 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.

TROY MERGAL® K9N

Industrial Microbiocide for Adhesives, Building Materials, Concrete Admixes, Emulsions, Pigment Dispersions, Paints and Coatings, Home Care Cleaning Products Including Floor Cleaners, Waxes, Polishers, and Surface Cleaners, Laundry Additives Including Liquid Laundry Detergents, Fabric Softeners and Stain Removers, Metal Working and Hydraulic Fluids, Oil Field Injection Waters.

EPA Reg. No.	5383-103
EPA Establishment Number	5383-DEU-001

ACTIVE INGREDIENT:	% Weight
5 Chloro-2-Methyl-4-isothiazolin-3-one	1.14%
2-Methyl-4-isothiazolin-3-one	0.36%
INERT INGREDIENTS	98.50%
TOTAL	100.0%

ACCEPTED
with COMMENTS
EPA Letter Dated:

SEP 20 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.

DANGER

SOLD FOR INDUSTRIAL USE ONLY
See Side Panel for Additional Precautionary Statements

KEEP OUT OF REACH OF CHILDREN

IN CASE OF EMERGENCY:
CALL 1-800-424-9300

Net Weight:

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

MERGAL® and POLYPHASE® are registered trademarks

ENVIRONMENTAL
This chemical is toxic to terrestrial life. Do not discharge effluent containing this chemical into streams, rivers, oceans, or other waters unless approved by the appropriate authority. For guidance, contact the National Institute for Occupational Safety and Health.

It is a violation of Federal Law labeling.

Troy Mergal®K9N is a microbiocidal algaecide. It is used as an industrial dispersant, emulsions, paints and coatings. Troy Mergal®K9N is used to clay, kaolin clay, montmorillonite clay, barium sulfate, and magnesium silicate. Emulsions include printing compounds. Materials include mastic, caulks, an in-can preservative in paints and it is best if Troy Mergal®K9N is used in excessive temperatures or pH process is recommended.

Typical usage rates are 0.05-0.4 the total weight of the formulation. Do not apply this product in a wa For the control of slime-forming systems, including enhanced rec fluids, slug treat with 7-36 ppm d may be used for terrestrial and o Add 14-28 ppm (0.57-1.2 gallon point in the system where it will or as needed until control is ac gallon or 2.4-6.2 pounds K9N p maintain control. FOR METAL PRODUCT INFORMATION SHEET

STC
Do not contaminate water, food
PESTICIDE STORAGE: Sto
recommended.

PESTICIDE DISPOSAL: Pesti
of excess pesticides, spray mi
wastes cannot be disposed of
State pesticide or environm
representative at the nearest El
CONTAINER DISPOSAL: N
container. Clean container pri
the remaining contents into ap
full with water. Replace and tig
and forth, ensuring at least c
container on its end and tip it l
onto its other end and tip it t
application equipment or a mix
this procedure two more times.
or puncture and dispose of in a
and local authorities, by burning

2/4

EMENTS
ESTIC ANIMALS

ns. Do not get in eyes, skin or
r absorbed through skin. This
eople. Do not breathe vapor or
pesticide respirator approved by

MENT (PPE):

e products must wear:

ive been drenched or heavily
se them. Follow manufacturer's
uctions for washables exist, use
rom other laundry.

ATIONS

n, using tobacco or using the
le. Then wash thoroughly and
ly after handling this product.
As soon as possible wash

lowly and gently with water
re contact lenses, if present,
continue rinsing the eye.
ar or doctor for treatment

thing.
th plenty of water for 15-20

ar or doctor for treatment

ar or doctor for treatment

f water if able to swallow
less told to do so by a
actor.
louth to an unconscious

call 911 or an ambulance,
ion preferably mouth-to-

ar or doctor for further

alling a poison control center

ie of gastric lavage.

TROY MERGAL® K9N

Industrial Microbiocide for Adhesives, Building Materials, Concrete
Admixes, Emulsions, Pigment Dispersions, Paints and Coatings,
Home Care Cleaning Products Including Floor Cleaners, Waxes,
Polishes, and Surface Cleaners, Laundry Additives Including Liquid
Laundry Detergents, Fabric Softeners and Stain Removers, Metal
Working and Hydraulic Fluids, Oil Field Injection Waters.

EPA Reg. No.	5383-103
EPA Establishment Number	5383-DEU-001

ACTIVE INGREDIENT: % Weight
5 Chloro-2-Methyl-4-isothiazolin-3-one 1.14%
2-Methyl-4-isothiazolin-3-one 0.36%
INERT INGREDIENTS 98.50%
TOTAL 100.0%

ACCEPTED
with COMMENTS
EPA Letter Dated:

SEP 20 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

5383-103 DANGER

SOLD FOR INDUSTRIAL USE ONLY
See Side Panel for Additional Precautionary Statements

KEEP OUT OF REACH OF CHILDREN

IN CASE OF EMERGENCY:
CALL 1-800-424-9300

Net Weight:

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

MERGAL® and POLYPHASE® are registered trademarks

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, molds and algae. 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.

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 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 1/2 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.

4/4

ACCEPTED
with COMMENTS
EPA Letter Dated:

SEP 20 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

5383-103

**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.