

09/13/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D C 20460



Office of Pesticide Programs

SEP 13 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 12 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 Use (Oil Recovery Systems) 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

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 of 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 <ul style="list-style-type: none"><li>• Call a poison control center or doctor for treatment advice</li></ul>                                                                                                                                                                                                                                                                                      |
| 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> Call a poison control center or doctor for treatment advice <ul style="list-style-type: none"><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 SWALLOWED                                                                                                       | <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>                                                                                                                                                                                                                                                                |
| IF INHALED                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**TROY MERGAL® K9N**

Industrial Microbiocide for Adhesives Building Materials Concrete Admixtures 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, Oil Field Injection Waters

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

**ACTIVE INGREDIENT**

5 Chloro-2-Methyl-4-isothiazolin-3-one

2-Methyl-4-isothiazolin-3-one

**INERT INGREDIENTS**

**TOTAL**

% Weight  
1 14%  
0 36%  
98 50%  
100 0%

ACCEPTED

with COMMENTS

EPA Lc for Dated

SEP 13 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  
This chemical is toxic to terrestrial and aquatic life. Do not discharge effluent containing oceans or other waters unless it has been previously approved by the appropriate authority. For guidance contact your local environmental agency.

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

Troy Mergal®K9N is a microbiocide. It is used as an industrial microbicide in emulsions, paints and coatings.

Troy Mergal®K9N is used to control mold and mildew in clay tile, barium sulfate and magnesium silicate emulsions.

Materials include printing compounds, caulks, sealants, and adhesives.

It is best if Troy Mergal®K9N is applied in a dry, well-ventilated area.

Excessive temperatures or pH values may affect the product's effectiveness.

Typical usage rates are 0.05 to 0.40% by weight of the formulation.

Do not apply this product in a way that creates a mist or spray.

For the control of slime-forming systems, including enhanced recovery, fluids, slug treatment, 7.36 ppm (0.57% of water) at a point in the system after three days or as needed until ppm (0.22 to 1.2 gallon or 2.4 to 6.0 pints) as needed to maintain control.

**STORAGE**

Do not contaminate water, food, or feed. Store in a cool, dry place. Recommended.

**PESTICIDE DISPOSAL** Pesticide wastes cannot be disposed of by incineration, landfill, or other means.

State pesticide or environmental representative at the nearest EPA office.

**CONTAINER DISPOSAL** Non-hazardous container may be recycled.

Container contents may be applied to the remaining contents into applicator.

Full with water. Replace and tighten cap. Ensure at least one container on its end and tip it back onto its other end and tip it back.

Application equipment or a mix tank. This procedure two more times. Then puncture and dispose of in a secure container. Do not burn.

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MENTS  
ESTIC ANIMALS

Do not get in eyes, skin or absorbed through skin. This product is for use only in areas where the vapor of the pesticide respirator approved by

NT (PPE)

products must wear

been drenched or heavily them. Follow manufacturer's tions for washables exist use in other laundry

TIONS

using tobacco or using the

Then wash thoroughly and

after handling this product.

is soon as possible wash

wily and gently with water contact lenses. If present continue rinsing the eye or doctor for treatment

ing plenty of water for 15 20

or doctor for treatment

or doctor for treatment

water if able to swallow

ss told to do so by a

tor

uth to an unconscious

ill 911 or an ambulance

n preferably mouth to

or doctor for further

ling a poison control center

of gastric lavage

TROY MERGAL® K9N

Industrial Microbiocide for Adhesives Building Materials Concrete  
Adhesives 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 Oil Field  
Injection Waters

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5383-103 DANGER

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One Avenue L, Newark N J 07105

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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 5-14 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

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 1/4 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