

09/20/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460



United States
Environmental Protection Agency
מחלקת הגנת הסביבה
הרשות להגנה מפני זיהום

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 that reads "Marshall 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 Microbicide 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

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 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 oceans or other waters unless Pollutant Discharge Elimination System permit is obtained. 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. For guidance contact authority.

It is a violation of Federal Law labeling

Troy Mergal®K9N is a microbicide algae. It is used as an industrial dispersions emulsions paints and Troy Mergal®K9N is used to control kaolin clay montmorillonite clay barium sulfate and magnesium emulsions include printing comp materials include mastics caulks an in can preservative in paints a It is best if Troy Mergal®K9N is 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 way 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 achieved gallon or 2-4-6-2 pounds K9N per maintain control FOR METAL PRODUCT INFORMATION SHEET

STC
Do not contaminate water food PESTICIDE STORAGE - Storage recommended
PESTICIDE DISPOSAL Pesticides of excess pesticides spray materials cannot be disposed of State pesticide or environmental representative at the nearest Environmental Protection Agency (EPA) container Clean container prior to the remaining contents into application and disposal of the container on its end and tip it onto its other end and tip it into this procedure two more times or puncture and dispose of in a and local authorities by burning

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Working and Hydraulic Fluids, Oil Field Injection Waters

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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 5.5-14 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 If proper 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 ¾ 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

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PRODUCT INFORMATION SHEET

TROY MERGAL K9N
EPA REG NO 5383-103

DIRECTIONS FOR USE METALWORKING AND HYDRAULIC FLUIDS

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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