

5383-106

11/23/2011

1/3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460

NOV 23 2011



Office of Pesticide Programs

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

Attention Adrian Kryzman

Subject Troy Mergal K12N
EPA Registration No 5383-106
Amendment Dated August 16, 2011

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable

The Confidential Statement of Formula (CSF) dated August 8, 2011 for the basic formulation was found to be acceptable Refer to the enclosed copy of the product chemistry review (items #6 and #7) for further comments

A stamped copy of the "accepted" label is enclosed for your records

If you have any questions concerning this letter, please don't hesitate to call Demson Fuller at (703) 308-8062

Sincerely,

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

Enclosures

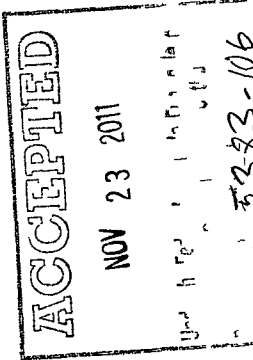
MERGAL® K12N

Industrial microbicide for use in Emulsions, Faints and Coatings Building Materials, Waterborne Adhesives, Pigments/Clay Slurries, Waterborne Paints, Starch and Thickener Solutions, Sealants (including Caulks), Textile Finishes and Lubricants, Joint Cements and Inks

EPA Reg No	5383-106
EPA Establishment Number	5383-NJ-01

ACTIVE INGREDIENT

5 Chloro-2-Methyl-4-isothiazolin-3-one	% Weight	0.81%
2-Methyl-4-isothiazolin-3-one		0.26%
2-Bromo-2-nitro-1,3-propanediol		7.10%
INERT INGREDIENTS		91.83%
TOTAL		100.0%



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 _____

Manufactured for

Troy Chemical Corporation
One Avenue L Newark NJ 07105

MERGAL® AND POLYPHASE® 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.

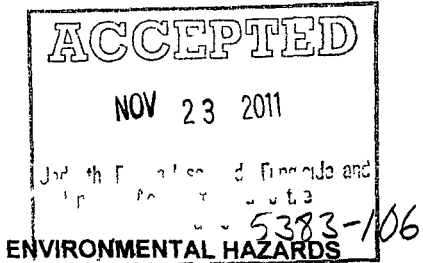
PERSONAL PROTECTIVE EQUIPMENT (PPE)

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.

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 first 5 minutes then continue rinsing. 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 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	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.	



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 material 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 yeasts molds and algae 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%

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%

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 and disposal

STORAGE Storage between 32 F (0 C) and 90 F (32 C) is recommended

DISPOSAL Pesticide wastes are acutely hazardous Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law If these wastes cannot be disposed of by use according to the label directions contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance

CONTAINER HANDLING Nonrefillable container Do not reuse or refill this container Clean container promptly after emptying Triple rinse (or equivalent) Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities 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 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