

**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:	<ul style="list-style-type: none"> ▪ 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 first 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.	

MERCAL® K12N

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

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

EPA Reg. No.	5383-106
EPA Establishment Number	5383-NJ-001

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%



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

Do not apply this material in a way that will contact workers or other persons.

Troy's MERCAL®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**.

MERCAL®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 MERCAL®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 ** 0.1 – 0.5%.
- Mineral slurries and pigment dispersions: 0.1 – 0.5%
- Textile finishes and lubricants** 0.1 – 0.5%.

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MERCAL®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. .