

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION

DATE OF ISSUANCE

39743-18

TERM OF ISSUANCE

NOV 30 1987

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

KEYSTONE HB-405

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Keystone Laboratories, Inc.  
P.O. Box 1367  
Decatur, AL 35602

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

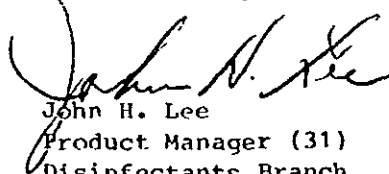
Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 39743-18" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

A stamped copy of the label is enclosed for your records.

  
John H. Lee  
Product Manager (31)  
Disinfectants Branch

Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

KEYSTONE MB-405

NOV 30 1987

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
registered under EPA Reg. 315.5  
39743-18

## INDUSTRIAL MICROBICIDE

### ACTIVE INGREDIENTS:

Methylene bis(thiocyanate) .....

2-(Thiocyanomethylthio)benzothiazole .....

### INERT INGREDIENTS

This product weighs 7.99 pounds per gallon.

## KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive, causes irreversible eye damage and causes skin damage. Harmful or fatal if swallowed or absorbed through the skin. This product is a potential skin sensitizer. Workmen handling this product or treated material should wear impervious gloves, goggles or face shield, and protective clothing. All protective clothing, work shoes or boots, and equipment must be left at the work site at the end of the day. Eating, drinking, or smoking during use of this product is prohibited.

**FIRST AID:** In case of skin contact, wash promptly and thoroughly with soap and water and finally with glycerin. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for 15 to 30 minutes. Get medical attention immediately. If product is swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not apply directly to water or wetlands. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not expose to extreme temperatures.

### STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

**PESTICIDE 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 label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with these directions.

**COOLING TOWERS:** KEYSTONE MB-405 is used on wood against soft or surface rot and internal or dry rot. It is applied by spray containing 2.0 to 2.8% KEYSTONE MB-405 in water on all wood surfaces. The amount applied should provide 2.4 to 3.2 lb KEYSTONE MB-405 per 1000 ft<sup>2</sup> of wood surface. Soft or surface rot can also be inhibited by KEYSTONE MB-405 to the recirculating cooling water.

The dosage should provide 5.0 lb of KEYSTONE MB-405 per 1000 gal of water and the bleedoff should be stopped for 4 to 6 hr after treatment. Treatment should be repeated every four months.

**COOLING WATER:** KEYSTONE MB-405 is used to control algae and fungi in industrial recirculating cooling water systems. Before treatment should be cleaned thoroughly to remove old algal growth, microbiological fouling, and debris. The system should then be drained, flushed, refilled with water, and treated with 0.8 to 4.8 fl oz per 1000 gal water in the system. KEYSTONE MB-405 per 1000 gal water in the system should be made every 1 to 5 days, depending on the severity of microbiological fouling.

**DRILLING FLUIDS:** To inhibit bacterial and fungal degradation of drilling of wells, KEYSTONE MB-405 is incorporated into drilling fluids at concentrations of 0.2 to 1.0% based on the total wet weight of the fluid.

**PETROLEUM SECONDARY RECOVERY:** KEYSTONE MB-405 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in micellar floods, water disposal systems, and other oil-field water systems. KEYSTONE MB-405 per 1000 gal of water should be made continuously or intermittently by means of a metering pump at the injection pumps and injection well headers. Continuous Feed Method: When system is noticeably fouled, add 15.6 to 52.0 fl oz KEYSTONE MB-405 per 1000 gal of water.

Intermittent or Slug Method: When system is noticeably fouled, add 15.6 to 52.0 fl oz KEYSTONE MB-405 per 1000 gal of water and 1 to 4 times per week, or as needed to maintain control.

**CRUDE AND REFINED OILS:** KEYSTONE MB-405 is used as a biocide for the control of bacteria and fungi that cause the degradation of oil during storage. It should be added to the oil as it is being transferred to storage tank at the rate of 2.4 to 24.0 fl oz KEYSTONE MB-405 per 1000 gal. Addition should be made batchwise where mixing occurs or continuous transfer pump.

Manufactured by:  
KEYSTONE LABORATORIES, INC.  
P.O. BOX 1367  
DECATUR, AL 35602

EPA REG. NO. \_\_\_\_\_ EPA EST. NO. \_\_\_\_\_

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