



**KEEPER™** is a trademark of Bio-Cide International, Inc. **KEEPER™** is manufactured by a proprietary process, thus ensuring a high quality oxychlorine species containing sodium chloride. **KEEPER™** is authorized by an FDA Secondary Food Additive Petition submitted by Bio-Cide International, Inc.

**Application:** **KEEPER™** is classified as a food additive that is used as an antimicrobial agent in water or ice to control microorganisms on seafood products. Post harvest activities include handling, storing, heading, eviscerating, shucking, or holding. **KEEPER™** may be used directly or indirectly on the seafood product in accordance with 21 CFR 173.300 and Good Manufacturing Practices.

**Usage sites include:** Fish processing operations, commercial fishing vessels, and retail food establishments. Acidified **KEEPER™** may be batch loaded or fed by a suitable controlled metering device\* into waters or ice used to cool, wash, soak, rinse, thaw, and store seafood during normal processing. **KEEPER™** solutions will control microorganisms that are either naturally occurring on seafood or introduced through the environment after harvest.

**Directions for Use:** For the most effective microbial control, **KEEPER™** should be activated using a food grade organic acid such as citric acid or inorganic acids such as phosphoric or hydrochloric. **KEEPER™** may be automatically activated using Bio-Cide's activation equipment available from your local Bio-Cide distributor.

To prepare use concentration, the following steps should be followed.

- 1) Always prepare activated solution in a well ventilated area.
- 2) For each ten gallons of rinse or soak water to be used, measure out 2 fl. oz. of **KEEPER™** and pour into a clean plastic container.
- 3) To this amount add 1/4 TBS of citric acid or any other food grade acid to achieve a solution pH of 2.5-2.9.
- 4) Let stand for 5 minutes.
- 5) Dilute with ten gallons of water. (Or add activated **KEEPER™** to desired volume of water to be treated).
- 6) Monitor **KEEPER™** to ensure that the concentration level is between 40 and 50 ppm Sodium Chloride. **KEEPER™** test kits are available from your local Bio-Cide distributor.
- 7) Make up fresh **KEEPER™** solutions daily.
- 8) Clams and oysters that are intended to be consumed raw, and fish that is intended for use in sushi varieties, must have a potable water rinse.

\*Chemical feed pumps and injectors should be chlorine resistant for best operation.



# KEEPER™

Controls Microorganisms  
On Seafood Products

Wash • Rinse • Thaw • Store

SEAFOOD



KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE STATEMENT OF PRACTICAL TREATMENT

## INGREDIENTS

|                         |         |
|-------------------------|---------|
| Sodium Chloride .....   | 3.35%   |
| Inert Ingredients ..... | 96.65%  |
| Total .....             | 100.00% |

Manufactured by  
Bio-Cide International, Inc.  
NORMAN • OKLAHOMA 73070



MADE IN USA

NET CONTENTS

5 GAL. (18.9 Liters)



**Storage:** Store in a cool dark area in original container. Avoid storage in direct sunlight. In case of spill, flood with large amounts of water prior to discarding to the drain. Do not contaminate water, food, or feed by storage or disposal.

**Container Disposal:** Triple rinse, then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Statement of Practical Treatment:**

**Harmful if swallowed. May cause irritation. Avoid contact with eyes.**

**If Swallowed:** Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

**If In Eyes:** Flush with plenty of water for 15 minutes. Get medical attention.

**If on Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**Notice of Warranty:** THE SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED CONCERNING THIS MATERIAL EXCEPT THAT IT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL. Neither Bio-Cide International, Inc., nor the seller shall be held responsible in any manner for any personal injury or personal property damage, or other type of loss resulting from the handling, storage or use of this material. The buyer assumes all risk and liability and accepts and uses this material on these conditions.

**Technical Data Bulletin:** See Technical Data Bulletin for specific application instructions. Your local **KEEPER™** distributor can guide you in the application techniques.

